

Jarrell, Noble

From: Jiang, Dong
Sent: Monday, March 27, 2006 5:02 PM
To: Jarrell, Noble
Subject: 09/766,511 - interference search

ETD = ~~10/10/06~~ 9/10/99 (09/393,996)
McCarthy, S.A.

Please do an interference search for 1) SEQ ID NO:51 and 52 (nt.)
2) SEQ ID NO:53 (aa.,
standard & against nt databases)

Please send results on paper to Dong Jiang in REM 4D70 (mail
stop REM 4C70).

Thank you very much.

Dong

Dong Jiang

AU1646
REM - 4D70
571-272-0872
Mail stop REM - 4C70

Noble
Jin 3/29/06
SPK
SOM
Sng
lac
compugen

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GenCore version 5.1.7
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OM nucleic - nucleic search, using sw model

Run on: March 28, 2006, 08:19:14 ; Search time 556.874 Seconds
(without alignments)
9939.997 Million cell updates/sec

Title: US-09-766-511B-51
Perfect score: 3114
Sequence: 1 cttatgttggaagctctt.....tttaaaaaaaaaaaaaa 3114

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 1303057 seqs, 888780828 residues
Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents NA: *
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9: /cgn2_6/ptodata/1/ina/backfiles1.seq: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	379.2	12.2	1227	3	US-08-772-440-3
2	303.2	9.7	501	3	US-08-772-440-20
3	260.2	8.4	393	3	US-08-772-440-22
4	197	6.3	1104	3	US-09-111-470-1
5	197	6.3	1104	3	US-09-862-802A-1
6	197	6.3	1271	3	US-09-949-002-120
7	161.6	5.2	334	3	US-09-016-434-698
8	137.4	4.4	1418	3	US-09-111-470-7
9	137.4	4.4	1418	3	US-09-862-802A-7
10	117.4	3.8	937	3	US-09-907-794A-376
11	117.4	3.8	997	3	US-09-905-125A-376
12	117.4	3.8	997	3	US-09-902-775A-376
13	117.4	3.8	997	3	US-09-906-700-376
14	117.4	3.8	997	3	US-09-903-603A-376
15	117.4	3.8	997	3	US-09-904-920A-376
16	117.4	3.8	997	3	US-09-909-064-376
17	117.4	3.8	997	3	US-09-905-381A-376
18	117.4	3.8	997	3	US-09-906-618-376
19	117.4	3.8	997	3	US-09-906-646-376
20	117.4	3.8	997	3	US-09-904-462-376
21	117.4	3.8	997	3	US-09-902-736A-376
22	117.4	3.8	997	3	US-09-906-722A-376
23	97.6	3.1	145	3	US-08-772-440-42
24	94.4	3.0	152	3	US-08-772-440-40

25	94.4	3.0	10409	3	US-08-772-440-33	Sequence 33, Appl
26	89.6	2.9	2076	3	US-09-489-847-51	Sequence 51, Appl
27	79.2	2.5	116	3	US-08-772-440-41	Sequence 41, Appl
28	79	2.5	38611	3	US-09-949-002-649	Sequence 649, App
29	79	2.5	38611	3	US-09-949-002-809	Sequence 809, App
30	77	2.5	2059	3	US-09-489-847-119	Sequence 119, App
c 31	75.4	2.4	23094	3	US-09-949-016-13468	Sequence 13468, A
32	75.4	2.4	193169	3	US-09-949-016-15091	Sequence 15091, A
33	74.2	2.4	1141	3	US-09-806-708B-22	Sequence 22, Appl
c 34	74.2	2.4	451924	3	US-09-949-016-12896	Sequence 12896, A
c 35	74.2	2.4	451925	3	US-09-949-016-17305	Sequence 17305, A
c 36	73.4	2.4	175265	3	US-09-949-016-16089	Sequence 16089, A
37	73.2	2.4	4072	3	US-09-245-041-16	Sequence 16, Appl
38	73.2	2.4	4072	3	US-09-358-055B-16	Sequence 16, Appl
39	73.2	2.4	4072	3	US-09-893-238-16	Sequence 16, Appl
c 40	72.6	2.3	439	3	US-09-513-999C-24454	Sequence 24454, A
c 41	72.6	2.3	601	3	US-09-949-016-154968	Sequence 154968, A
c 42	72.6	2.3	51101	3	US-09-949-016-12859	Sequence 12859, A
c 43	72.6	2.3	51101	3	US-09-949-016-17036	Sequence 17036, A
c 44	72.6	2.3	385136	3	US-09-949-016-16073	Sequence 16073, A
c 45	72.4	2.3	209210	3	US-09-949-016-15094	Sequence 15094, A

ALIGNMENTS

RESULT 1
US-08-772-440-3
; Sequence 3, Application US/08772440
; Patent No. 6046158
; GENERAL INFORMATION:
; APPLICANT: Ariizumi, Kiyoshi
; APPLICANT: Takashima, Akira
; TITLE OF INVENTION: UNIQUE DENDRITIC CELL-ASSOCIATED C-TYPE
; TITLE OF INVENTION: LECTINS, DECTIN-1 AND DECTIN-2; COMPOSITIONS AND USES
; TITLE OF INVENTION: THEREOF
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P. O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/772,440
; FILING DATE: CONCURRENTLY HERewith
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Parker, David L.
; REGISTRATION NUMBER: 32,165
; REFERENCE/DOCKET NUMBER: UTXD:493
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1227 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-772-440-3

Query Match 12.2%; Score 379.2; DB 3; Length 1227;
Best Local Similarity 73.8%; Pred. No. 7.2e-74;
Matches 555; Conservative 0; Mismatches 178; Indels 19; Gaps 5;
QY 40 GCAGTTTGTGCTAGCTCTCTTTTAAATGAAGCTGAGTCTCTGGCAACATCTTT 99

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Db 39 GGAAGTGGATTCGAACTCTGGCTCTTTTCACAGAGCCAGGTCCTCGAGTCGTATTTT- 97
QY 100 AGGAGAGAGGTTCAAAAGGTTCTGAGCTTCTCAACACAGGAGCCTGCATAATGATG 159
Db 98 --GGAGACAGATGCAAGAAACCCCT-GACCTTCTGAACATA---CACCTCAACAATGGTG 151
QY 160 CAAGAGCAGCAACTCAAGTACAGAGAAAGGCTGGTTGTCCTGAGACTCTGGTCT 219
Db 152 CAGGAAGAACAATCCCA-----AGGAGGGAGTCTGCTGAGCCTTGAGACTCTGGTCA 205
QY 220 GTGGCTGGGATTTCCATTTGCACTCTCAGTGTCTTCTTCAATTTGAGCTGTGTAGTAAC 279
Db 206 GCTGCTGTGATTTCCATTTCTTCTGAGTACCTGTTTCAATTCGAGCTGTGTGGTACT 265
QY 280 TACCATTATATATATGATGTAAGTGGCAAAAGGCTGTCTGAATACATCATATCATCA 339
Db 266 TACCAATTTATTATGACACGCCAGTAGAAGACTATATGAATTCACACATACCAATTC 325
QY 340 AGTCTCACCCTGCTTCAGTGAAGGACAAAGGTGCCAG-----CCTGGGATGTTGCCA 393
Db 326 AGTCTCACCCTGCTTCAGTGAAGGACTATGTTGTCAAAAAAATGTGGGATGCTGCCCA 385
QY 394 GCTTCTTGGAGTCAATTTGGTTCCAGTTGCTACTTCTTCAATTTCCAGTGAAGAGGTTGG 453
Db 386 AATCACTGGAGTCAATTTGGCTCCAGCTGCTACTCAATTTCTACCAAGGAACTTCTGG 445
QY 454 TCTAAGAGTGAGCAGAACTGTGTTGAGATGGGAGCACAATTTGGTTGTTTCAACACAGAA 513
Db 446 AGCACCAGTGAGCAGAACTGTGTTGAGATGGGCTCATCTGGTGGTGAATCAATCTGAA 505
QY 514 GCAGAGCAGAAATTTCAATTTCCAGCAGCTGAATGAGTCAATTTCTTCTTCTGGGCTT 573
Db 506 GCGAGCAGAAATTTCAATCACCACGAGCTGAATGAGTCAATTTCTTCTTCTTCTGGGCTT 565
QY 574 TCAGACCCCAAGTGAATTAATTTGGCAATGATTAAGTGAATGATTAAGACACCTTATGAGAAAAT 633
Db 566 TCGATCCACAGAGTAATGCAATGCAATGCAATGATGATGATGATGATGATGATGAT 625
QY 634 GTCAGATTTTGGCACTTGTGAGTGAAGCCCAATCAATTTCTGAGAGCAATGTTCAATAGTC 693
Db 626 GTCAGGTTCTGGCACCCCAATGAACCAATCTTCCAGAGAGCGGTGTGTTTCAATAGTT 685
QY 694 TTTGGAACCTACAGATGGGCTGGAATGATGTTATCTGTAAGTGAAGAGGATTTCA 753
Db 686 TACTGGAATCCTTCGAAATGGGCTGGAATGATGTTTCTGTGATAGTAAACACAATTC 745
QY 754 ATATGTGAGATGAATAGATTTTACCTATGAGT 785
Db 746 ATATGTGAATGAAGAGATTTACCTATGAGT 777
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RESULT 2
US-08-772-440-20
; Sequence 20, Application US/08772440
; Patent No. 6046158
; GENERAL INFORMATION:
; APPLICANT: Ariizumi, Kiyoshi
; APPLICANT: Takashima, Akira
; TITLE OF INVENTION: UNIQUE DENDRITIC CELL-ASSOCIATED C-TYPE
; TITLE OF INVENTION: LECTINS, DECTIN-1 AND DECTIN-2; COMPOSITIONS AND USES
; TITLE OF INVENTION: THEREOF
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
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; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/772,440
; FILING DATE: CONCURRENTLY HERewith
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Parker, David L.
; REGISTRATION NUMBER: 32,165
; REFERENCE/DOCKET INFORMATION: UTAD:493
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 501 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-772-440-20

Query Match 9.7%; Score 303.2; DB 3; Length 501;
Best Local Similarity 78.4%; Pred. No. 2.8e-57;
Matches 378; Conservative 0; Mismatches 98; Indels 6; Gaps 1;

QY 305 GCAGAGGCTGTCTGAACCTACACTCATATCATTCATTCAGTCTCACCCTGTTCAAGTGAAGGGA 364
Db 20 GTAGAGACTATATGAACTTCACATACATTCAGTCTCACCCTGTTCAAGTGAAGGGA 79
QY 365 CAAAGGTGCCAG-----CCTGGGATGTTGGCCAGCTTCTTGGAAAGTCAATTTGGTTCCA 418
Db 80 CTATGGTGTGAGAAAAAATGTGGGATGCTGCCAAATCACTGGAAGTCAATTTGGTCTCA 139
QY 419 GTTGCTACTTCAATTTCCAGTGAAGAGAGGTTTGGTCTAAGAGTGAAGAGTGAAGTGAAGT 478
Db 140 GCTGCTACCTCATTTCTACCAAGGAGAACTTCTGGAGCACCAGTGAAGAGTGAAGTGAAGT 199
QY 479 AGATGGGAGCACAATTTGGTGTTCACACAGAGCAGAGCAGAGATTTTCAATTTGTTCCAGC 538
Db 200 AGATGGGAGTCAATCTGGTGGTGAATCAATCTGAAGCGGAGCAGAAATTTTCAATCACCAGC 259
QY 539 AGCTGAATGAGTCAATTTCTTATTTTCTGGGGCTTTTTCAGACCCCAAGGTAAATTAATTT 598
Db 260 AGCTGAATGAGTCAATTTCTTACTTCTGGTCTTTTTCGGATCCACAAAGTAAATGGCAAT 319
QY 599 GGCATGATGATTAAGACACCTTATGAGAAAAATGTCAATTTTGGCACCTAGTGAAGC 658
Db 320 GGCATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 379
QY 659 CCAATCATTTCTGAGAGCAATGTGCTTCAATAGTCTTCTGGAAACCTTACAGGATGGGCT 718
Db 380 CCAATCTTCCAGAGAGCGGTGTGTTTCAATAGTCTTCTGGAAATCTTTCGAAATGGGCT 439
QY 719 GGAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 778
Db 440 GGAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 499
QY 779 TA 780
Db 500 TA 501

RESULT 3
US-08-772-440-22
; Sequence 22, Application US/08772440
; Patent No. 6046158
; GENERAL INFORMATION:
; APPLICANT: Ariizumi, Kiyoshi
; APPLICANT: Takashima, Akira
; TITLE OF INVENTION: UNIQUE DENDRITIC CELL-ASSOCIATED C-TYPE
; TITLE OF INVENTION: LECTINS, DECTIN-1 AND DECTIN-2; COMPOSITIONS AND USES
; TITLE OF INVENTION: THEREOF
; NUMBER OF SEQUENCES: 42
```


Db 897 ATGTTAATGCTTGTGGTCTCAAGGTCAGTTTGTGAGATGATGAAGATCCACTTATGAA 956
QY 785 TAGAAGCTT 793
||| ||
Db 957 CTGAACATT 965

RESULT 5

US-09-862-802A-1
; Sequence 1, Application US/09862802A
; Patent No. 6756478
; GENERAL INFORMATION:
; APPLICANT: Valladeau, Jenny
; APPLICANT: Ravel, Odile
; APPLICANT: Bates, Elizabeth Ester Mary
; APPLICANT: Ford, John
; APPLICANT: Lebecque, Serge J.B.
; APPLICANT: Saeland, Sem
; TITLE OF INVENTION: Isolated Mammalian Membrane Protein Genes; Related Reagents
; FILE REFERENCE: SF0695 B
; CURRENT APPLICATION NUMBER: US/09/862,802A
; CURRENT FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: US 60/053,080
; PRIOR FILING DATE: 1997-07-09
; PRIOR APPLICATION NUMBER: US 09/111,470
; PRIOR FILING DATE: 1998-07-08
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 1
; LENGTH: 1104
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: mammalian nucleic acid and protein
; NAME/KEY: CDS
; LOCATION: (242)..(952)
; OTHER INFORMATION:
US-09-862-802A-1

Query Match 6.3%; Score 197; DB 3; Length 1104;
Best Local Similarity 67.8%; Pred. No. 8.3e-34;
Matches 291; Conservative 0; Mismatches 135; Indels 3; Gaps 1;

QY 368 AGTGCCAGCTGGGAGTGTGCCAGCTTCTTGGAAAGTCATTGGTTCAGTTGCTACT 427
Db 537 AAGAGACAGCTGGAGCTGTGGCCAAAGAAATTGGAAGTCATTTAGTTCCAACTGCTACT 596
QY 428 TCATTTCCAGTGAAGAGAAGTTTGGTCTAAGAGTGAGCAGAACTGTGTGAGATGGAG 487
Db 597 TTATTTCTGTAATCAGCATCTTGGCAAGACAGTGAAGAGGACTGTGCTAGAAATGGAGG 656
QY 488 CACATTTGGTGTGTTCACACAGACAGACAGCAAGTTCATTGTCCAGCAGCTGAATG 547
Db 597 CTCACCTGCTGGTGAATAACACTCAAGAAAGACAGGATTCATCTCCAGATCTGCAAG 716
QY 488 CACATTTGTTTATTCTTCTGGGGCTTTCAGACCCACCAAGGTAAATAATTTGSCAATGGA 607
Db 657 CTCACCTGCTGGTGAATAACACTCAAGAAAGACAGGATTCATCTCCAGATCTGCAAG 716
QY 548 AGTCATTTCTTATTTCTGGGGCTTTCAGACCCACCAAGGTAAATAATTTGSCAATGGA 607
Db 717 AAGATCTGCTTATTTGTTGGGGCTCTCAGATCCAGAGGTGAGCCACATTTGSCAATGG 776
QY 608 TTGATGAACACCTTATGAGAAAATGTGAGATTTTGGCACCTAGTGTAGCCCAATCATTT 667
Db 777 TTGATCAGACACCATACAATGAAAGTTCCACATTTCTGGCATCCACGTGAGCCCAATGATC 836
QY 668 CTGCAGACCAATGTGCTTCAATAGTCTTCTGGAA---ACCTACAGGATGGGCTGGAATG 724
Db 837 CCAATGAGCGCTGCTTGTGCTAAATTTTCGTAATATCACCMAAGATGGGCTGGAATG 896
QY 725 ATGTTATCTGTGAAATAGAAAGAAATTCATATGTGAGATGAATTAAGATTTACCTATGAG 784
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QY 785 TAGAAGCTT 793
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Db 957 CTGAACATT 965

RESULT 7

US-09-016-434-698
; Sequence 698, Application US/09016434
; Patent No. 6500938
; GENERAL INFORMATION:
; APPLICANT: Janice Au-Young
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
; TITLE OF INVENTION: PATHWAY GENE EXPRESSION
; NUMBER OF SEQUENCES: 1490

Db 957 CTGAACATT 965
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RESULT 6

US-09-949-002-120
; Sequence 120, Application US/09949002
; Patent No. 6900016
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH INFLAMMATORY AUTOIMMUNE DISEASE, METHODS OF DETECTION
; TITLE OF INVENTION: AND USES THEREOF
; FILE REFERENCE: CL000790
; CURRENT APPLICATION NUMBER: US/09/949,002
; CURRENT FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: 60/231,401
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 10823
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 120
; LENGTH: 1271
; TYPE: DNA
; ORGANISM: Human
US-09-949-002-120

Query Match 6.3%; Score 197; DB 3; Length 1271;
Best Local Similarity 67.8%; Pred. No. 8.6e-34;
Matches 291; Conservative 0; Mismatches 135; Indels 3; Gaps 1;

QY 368 AGTGCCAGCTGGGAGTGTGCCAGCTTCTTGGAAAGTCATTGGTTCAGTTGCTACT 427
Db 537 AAGAGACAGCTGGAGCTGTGGCCAAAGAAATTGGAAGTCATTTAGTTCCAACTGCTACT 596
QY 428 TCATTTCCAGTGAAGAGAAGTTTGGTCTAAGAGTGAGCAGAACTGTGTGAGATGGAG 487
Db 597 TTATTTCTGTAATCAGCATCTTGGCAAGACAGTGAAGAGGACTGTGCTAGAAATGGAGG 656
QY 488 CACATTTGGTGTGTTCACACAGACAGACAGCAAGTTCATTGTCCAGCAGCTGAATG 547
Db 657 CTCACCTGCTGGTGAATAACACTCAAGAAAGACAGGATTCATCTCCAGATCTGCAAG 716
QY 548 AGTCATTTCTTATTCTTCTGGGGCTTTCAGACCCACCAAGGTAAATAATTTGSCAATGGA 607
Db 717 AAGATCTGCTTATTTGTTGGGGCTCTCAGATCCAGAGGTGAGCCACATTTGSCAATGG 776
QY 608 TTGATGAACACCTTATGAGAAAATGTGAGATTTTGGCACCTAGTGTAGCCCAATCATTT 667
Db 777 TTGATCAGACACCATACAATGAAAGTTCCACATTTCTGGCATCCACGTGAGCCCAATGATC 836
QY 668 CTGCAGACCAATGTGCTTCAATAGTCTTCTGGAA---ACCTACAGGATGGGCTGGAATG 724
Db 837 CCAATGAGCGCTGCTTGTGCTAAATTTTCGTAATATCACCMAAGATGGGCTGGAATG 896
QY 725 ATGTTATCTGTGAAATAGAAAGAAATTCATATGTGAGATGAATTAAGATTTACCTATGAG 784
Db 897 ATGTTAATTTGTTCTGTCTCTCAAGGTCAGTTTGTGAGATGATGAAGATCCACTTATGAA 956
QY 785 TAGAAGCTT 793
||| ||
Db 957 CTGAACATT 965

```

CORRESPONDENCE ADDRESS:
ADDRESS: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
CITY: PALO ALTO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/016,434
FILING DATE: HERewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-0002 US
TELEPHONE: (650) 855-0555
TELEFAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 698:
SEQUENCE CHARACTERISTICS:
LENGTH: 334 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: EOSIHE02
CLONE: 288246
US-09-016-434-698

Query Match 5.2%; Score 161.6; DB 3; Length 334;
Best Local Similarity 68.4%; Pred. No. 3.5e-26;
Matches 221; Conservative 0; Mismatches 102; Indels 0; Gaps 0;

Qy 415 TCAGTTGCTACTTTCATTCAGTGAAGAGAGGTTTGGTCTAAGAGTGAGCAGAACTGT 474
Db |||||
4 TCTAGTTGCTACTTTATTTCTACTGGGATGCAATCTTGGACTAAGAGTCAAAAGAACTGT 63
Qy 475 GTTCAGATGGAGCACATTTGGTTGTTCTCAACACAGAGCAGAGCAGAAATTCATTGTC 534
Db |||||
64 TCTGTGATGGGGGCTGATCTGGTGGTGTATCAACACCAGGGAAGAACAGGATTTTCATCAT 123
Qy 535 CAGCAGCTGAATGAGTCAATTTCTTATTTCTGGGGCTTTTCAGACCCCAACAGGTAATAAT 594
Db |||||
124 CAGATCTGAAGAAATTCNTCTATTTCTGGGGCTGTGAGTCCAGGGGTGCGGA 183
Qy 595 AATTGGCAATGGATGTATGACACACCTTATGAGAAAAATGTCAAGATTTTGGCACCTAGGT 654
Db |||||
184 CATTTGGCAATGGGTGACAGACACCATCAATGAAATGTCAATCTTGGCACTCAGGT 243
Qy 655 GAGCCCAATCATTTCTGAGAGCAATGCTTCAATAGTCTTCTGGAAACCTACAGATGG 714
Db |||||
244 GAACCCCAATACCTTGTATGAGCGTGTGCGATATAAATTTCCGTTCTTCTCAGAAGATGG 303
Qy 715 GGCTGGAATGATGTTATCTGTGA 737
Db |||||
304 GGCTGGAATGATGTTATCTGTGA 326

RESULT 8
US-09-111-470-7
; Sequence 7, Application US/09111470
; Patent No. 6277959
; GENERAL INFORMATION:
; APPLICANT: Valladeau, Jenny
; APPLICANT: Ravel, Odile
; APPLICANT: Bates, Elizabeth E.M.
; APPLICANT: Ford, John
; APPLICANT: Saeland, Sem
; APPLICANT: Lebecque, Serge J.E.
; TITLE OF INVENTION: Mammalian Membrane Protein Genes;
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DNAX Research Institute
; STREET: 901 California Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/111,470
; FILING DATE: 08-JUL-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/053,080
; FILING DATE: 09-JUL-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ching, Edwin P.
; REGISTRATION NUMBER: 34,090
; REFERENCE/DOCKET NUMBER: SF0695
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 852-9196
; TELEFAX: (650) 496-1200
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1418 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 279..992
; NAME/KEY: misc feature
; LOCATION: 1348..
; OTHER INFORMATION: /note= "poly-A addition motif"
US-09-111-470-7

Query Match 4.4%; Score 137.4; DB 3; Length 1418;
Best Local Similarity 61.6%; Pred. No. 1.1e-20;
Matches 257; Conservative 0; Mismatches 151; Indels 9; Gaps 2;

Qy 375 AGCTCGGGATGTGCCAGCTTCTTGGAAAGTCAATTTGGTTCAGTTGCTACTTTCATTTC 434
Db |||||
584 AGTCTGGAGCTGTGCCAAAGGATTTGGTTCACCTGCTACTTGGTTCC 643
Qy 435 CAGTGA-----AGAGAAGTTTGGTCTAAGAGTGAGCAGAACTGTGTGAGATGGAGC 488
Db |||||
644 CACAGTTTCTTCATCAGCATCTTGGAAACAAGAGTGGAGAACTGTCTCCCGCATGGGTGC 703
Qy 489 ACATTTGGTTGTCTTCAACACAGAGCAGAGCAGAAATTTTCATTTGTCAGCAGCTGAATGA 548
Db |||||
704 TCATCTAGTGGTGATCCAAAGCCAGGAGAGCAGGATTTTCATCCTGGGATCTTGGACAC 763
Qy 549 GTCATTTTCTTATTTTCTCGGGCTTTTCAGACCCCAACAGGTAATAATAATTTGGCAATGGAT 608
Db |||||
764 TCATGCTGCTTATTTTATAGGTTTGGGATAC---AGGCCATCGGCAATGGCAATGGGT 820
Qy 609 TGATAAGACACCTTATGAGAAAAATGTCAAGATTTTGGCACCTAGGTGAGCCCAATCATTC 668
Db |||||
821 TGATCAGACACCATATGAAAGAAAGTATCATTTCTGGCAAAATGGTGGTGGAGCCCGCAGCATGG 880
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QY 669 TGCAGACCAATGCTTCAATAGTCTTCTGGAACCTACAGGATGGGGCTGGATGATGT 728
Db 881 CAATGAAAATGTGCTACATAATTTTACCCTGTGGAAGACTGGATGGGGCTGGAACCGATAT 940
QY 729 TATCTGTGAAACTAGAGGAAATTCATATATGTGAGATGAATAAGATTTTACCTATGAGT 785
Db 941 CTCTTGCACTCTTAAACAGAGTCACTTTGTTCAGATGAAGAAAATAAATCTTATGAAT 997

RESULT 9
US-09-862-802A-7
; Sequence 7, Application US/09862802A
; Patent No. 6756478
; GENERAL INFORMATION:
; APPLICANT: Valladeau, Jenny
; APPLICANT: Ravel, Odile
; APPLICANT: Bates, Elizabeth Ester Mary
; APPLICANT: Ford, John
; APPLICANT: Lebecque, Serge J.E.
; APPLICANT: Saeland, Sem
; TITLE OF INVENTION: Isolated Mammalian Membrane Protein Genes; Related Reagents
; FILE REFERENCE: SF0695 B
; CURRENT APPLICATION NUMBER: US/09/862,802A
; PRIOR APPLICATION NUMBER: 2001-05-22
; PRIOR FILING DATE: 1997-07-09
; PRIOR APPLICATION NUMBER: US 60/053,080
; PRIOR FILING DATE: 1997-07-09
; PRIOR APPLICATION NUMBER: US 09/111,470
; PRIOR FILING DATE: 1998-07-08
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 1418
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: mammalian nucleic acid and protein
; NAME/KEY: CDS
; LOCATION: (279)..(992)
; OTHER INFORMATION: protein coding sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1348)..(1348)
; OTHER INFORMATION: poly-A addition motif
US-09-862-802A-7

Query Match 4.4%; Score 137.4; DB 3; Length 1418;
Best Local Similarity 61.6%; Pred. No. 1.1e-20;
Matches 257; Conservative 0; Mismatches 151; Indels 9; Gaps 2;
QY 375 AGCTGGGGATGTTGCCCGAGCTCTTGGAAGTCAATTTGGTTCAGTTGCTACTTTCATTTC 434
Db 584 AGTCTGAGCTGTTGCCCAAGGATTTGGAGGCTATTTGGTTCACCTGCTACTTGGTTCC 643
QY 435 CAGTGA-----ACAGAAGTTTGGTCTAAGAGTCAGCAGACTGTTGTAGATGGAGC 488
Db 644 CACAGTTTCTTCATCAGCATCTTGGAAACAGAGTGGAGAACTGCTCCCGCATGGGTGC 703
QY 489 ACATTTGGTGTGTTCAACAGAGCAGACAGAAATTTCAATGTCAGCAGCTGGAATGA 548
Db 704 TCATCTAGTGTGATCCAAAGCAGGAGAGCAGAGTTTCATCTAGGATCTTGGACAC 763
QY 549 GTCATTTTCTTATTTCTGGGGCTTTCAGACCCCAAGGTAATTAATATGGCAATGGAT 608
Db 764 TCATGCTCTTATTTATAGGTTGTGGATAC---AGGCCATCGGCAATGGCAATGGGT 820
QY 609 TGATAAGACACCTTATGAGAAAATGTCAGATTTTGGCACCTAGTGTAGGCCCATTC 668
Db 821 TGATCAGACACCATATGAAGAAAGTATCACAATCTGGCACAATGGTGGAGCCACAGTGG 880
QY 669 TGCAGAGCAATGTGCTTCAATAGTCTTCTGGAACCTACAGGATGGGGCTGGAATGATGT 728

Db 881 CAATGAAAATGTGCTACATAATTTTACCGTTTGAAGACTGCGTGGGCTGGAACCGATAT 940
QY 729 TATCTGTGAAACTAGAGGAAATTCATATATGTGAGATGAATAAGATTTTACCTATGAGT 785
Db 941 CTCTTGCACTCTTAAACAGAGTCACTTTGTTCAGATGAAGAAAATAAATCTTATGAAT 997

RESULT 10
US-09-907-794A-376
; Sequence 376, Application US/09907794A
; Patent No. 6635468
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,794A
; CURRENT FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999

287	QY	TTACATATGGTGAACCTGCGCAAAAGGCTGTCTGAACCTACACTCATATCAATTCAGAGTCTCA	346
248	Db	TCCTTCAAACCTGTGTATGAGAAAGAGTT---TCAGCTACCTGAGAAATTTCCACAGAGCTCT	304
347	QY	CTGCTTCAGTGAAGGAGCAAAAGGTGCCAGCTGGGGATGTTGCCAGACTTCTTGGAAGT	406
305	Db	CTGCTACAAATTAATGGATCA---GGTTCAGTCAAGAAATTTGTTGTCCATTTGAACCTGGGAAT	361
407	QY	CATTGTGGTTCCAGTTGCTACTTTCAATTTCCAGTGAAGAGAAAGGTTTGGTCTAAGAGGTGAGC	466
362	Db	ATTTTCAATTCNGCTGCTACTTCTTTCTACTGACACCAATTTCTGGGGGTTAAGTTTAA	421
467	QY	AGAACTGTGTTGAGATGGGAGCACATTTGGTTGTGTTCAACACAGAGCAGAGCAGAAAT	526
422	Db	AGAACTGTCTAGCCATGGGGCTCACTGGTGGTTATCAACTCACAGGAGGAGCAGGAAT	481
527	QY	TCATTTGTCAGCAGCTGAATGAGTCATTTCTTATTTCTGGGGCTTTTCAGACCCACCAAG	586
482	Db	TCCTTTCTCTACAGAAACCTAAATGAGAGAGTTTTTTTATTTGAGCTGTGAGACCCAGGTTG	541
587	QY	GTAATAATAATGGCAATGGATGTGATTAACACACCTTATGAGAAAAATGTCAGATTTTGGC	646
542	Db	TCGAGGGTCAGTGGCAATGGGTGGAGCGGCACACCTTTTGACAAAGTCTCTGAGCTCTCGGG	601
647	QY	ACCTAGGTGAGCCCAATCA-----TTCTGCAAGCAATGTGCTTCAATAGTCTTCTGGA	700
602	Db	ATGTAGGGGAGCCCAACCAACATAGCTACCTGGAGGACTGTGCCACCATGAGAGACTCTT	661
701	QY	AACCTACAGGATGGGGCTGGAAATGATGTTTATCTGTGAAACTAGAGGAATTCAAATATGTG	760
662	Db	CAAAACCAAGGCAAAATGGAAATGATGTAACCTGTTTCTCCTCAATATTTCGGATTTGTG	721
761	QY	AGATG	765
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RESULT 12

US-09-902-775A-376
; Sequence 376, Application US/09902775A

Patent No. 668645

PACKING NO. 0000451
: GENERAL INFORMATION:

: APPLICANT: Genentech, Inc.

APPLICANT: Ashkenazi, Avi

: APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

: AFFILIANT: Deshoyers, Du
: APPLICANT: Eaton, Dan L.

APPLICANT: Ferrara, Napoli
AFFILIANT: EACOM, Dai E.

APPLICANT: FILLARA, NAPOL
APPLICANT: FILLAROFF, ELL

APPLICANT: FONG SHERMAN

APPLICANT: FONG, SHEKMAI
APPLICANT: Gao, Wei-Qi and

APPLICANT: GAO, WEI-QIANG

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mar
APPLICANT: Coddard, A

APPLICANT: Goddard, A.

APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, Chri

; APPLICANT: Gurney, Austin

; APPLICANT: Hillan, Kennet

; APPLICANT: Kljavin, Ivar

APPLICANT: Mather, Jennie

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas

APPLICANT: ROY, Margaret

APPLICANT: Stewart, Timot

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. M.

APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

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; TYPE OF INVENTION: ACTS ENCOURAGING THE
: FILE REFERENCE: 10466-14

FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: IIS/0

QY 587 GTAATAATAATGTCGAATGATTAAGACACACCTTATGAGAAAAATGTCAGATTTGGC 646
Db TCGAGGGTCAGTGGCAATGGGTGACGCGCACACCTTTGACAAAGTCTCTGAGCTTCTGGG 601
QY 647 ACCTAGGTGAGCCCAATCA-----TTCTGCAGAGCAATGCTTCAATAGTCTTCTGGA 700
Db ATGTAGGGGAGCCCAACACATAGTACCTTGGAGGACTGTGCCACCATGAGAGACTCTT 661
QY 701 AACCTACAGGATGGGCTGGAATGATGTTATCTGTGAAACTAGAGGAATTCATATGTG 760
Db 662 CAACCCCAAGCCAAATTTGGAATGATGTAACCTGTTTCTCTCAATATTTTCGGATTGTG 721
QY 761 AGATG 765
Db 722 AAATG 726

RESULT 13

US-09-906-700-376

; Sequence 376, Application US/09906700

; Patent No. 6723535

; GENERAL INFORMATION:

; APPLICANT: Genentech, Inc.

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan L.

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, A.

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, Christopher J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth, J.

; APPLICANT: Kijavlin, Ivar J.

; APPLICANT: Mather, Jennie P.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William, I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: 10466-14

; CURRENT APPLICATION NUMBER: US/09/906,700

; CURRENT FILING DATE: 2000-09-18

; PRIOR APPLICATION NUMBER: PCT/US00/04414

; PRIOR FILING DATE: 2000-02-22

; PRIOR APPLICATION NUMBER: US 60/143,048

; PRIOR FILING DATE: 1999-07-07

; PRIOR APPLICATION NUMBER: US 60/145,698

; PRIOR FILING DATE: 1999-07-26

; PRIOR APPLICATION NUMBER: US 60/146,222

; PRIOR FILING DATE: 1999-07-28

; PRIOR APPLICATION NUMBER: PCT/US99/20594

; PRIOR FILING DATE: 1999-09-08

; PRIOR APPLICATION NUMBER: PCT/US99/20944

; PRIOR FILING DATE: 1999-09-13

; PRIOR APPLICATION NUMBER: PCT/US99/21090

; PRIOR FILING DATE: 1999-09-15

; PRIOR APPLICATION NUMBER: PCT/US99/21547

; PRIOR FILING DATE: 1999-09-15

; PRIOR APPLICATION NUMBER: PCT/US99/23089

; PRIOR FILING DATE: 1999-10-05

; PRIOR APPLICATION NUMBER: PCT/US99/28214

; PRIOR FILING DATE: 1999-11-29

; PRIOR APPLICATION NUMBER: PCT/US99/28313

; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 376
; LENGTH: 997
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-906-700-376

Query Match 3.8%; Score 117.4; DB 3; Length 997;

Best Local Similarity 54.4%; Pred. No. 2.6e-16;

Matches 329; Conservative 0; Mismatches 261; Indels 15; Gaps 4;

QY 170 AACCTCAAAATACAGAGAAAAGAGGCTGGTGTGTCCTCC---TGAGACTCTGCTGTGTCGCTG 226
Db 128 AAACACAATGCACAGAGAGAGGATGCTCTCTTCCCAAATGTTTATGAGCTGTTGCTG 187
QY 227 GGATTTCCATTGGCACTCTCAGTCTGCTTTCATTGTGAGCTGTGTAGTAACATTACAT 286
Db 188 GGATCCCAATCCCTATTATTTCTCAGTGCCTGTTTCATCCACAGATGTGTGTGACAT 247
QY 287 TTACATATGGTGAACCTGGCAAAAGGCTGTCTGAACTACACATCATATCAATTCAGTCTCA 346
Db 248 TCTTTCAAACTGTGTGATGAGAAAAAGTT---TCAGCTACTGAGAAATTTTCACAGAGCTCT 304
QY 347 CTTGCTTCAGTGAAGGACAAAGGTGCCAGCTGGGGATGTTTCCAGCTCTTCTTGAAGT 406
Db 305 CCTGCTACAAATATGGATCA---GGTTCAAGTCAAGAAATGTTGTCTCCATTTGAACTGGGA 361
QY 407 CATTTGGTTCAGTGTGCTACTTTCATTTCCAGTGAAGAGAGGTTTGGTCTAAGAGTGAGC 466
Db 362 ATTTTCAATCCAGCTGTCTACTTCTTTTCTACTGACACACCATTTCTCTGGGCTTAAAGTTAA 421
QY 467 AGAAGTGTGTGAGATGGGAGCAGACATTTGGTTGTGTTTCAACACAGAGAGCAGAGAAAT 526
Db 422 AGAAGTGTGTGAGATGGGAGCAGACATTTGGTTGTGTTTCAACACAGAGAGCAGAGAAAT 481
QY 527 TCATTGTCCAGCAGCTGAATGAGTCAATTTTCTTTATTTTCTGGGGCTTTTCAGACCCCAAG 586
Db 482 TCCTTTCTTCAAGAAACCTAAATGAGAGAGTGTGTTTATTTGAGCTGTCTGAGCTGAGTTG 541
QY 587 GTAATAATAATTTGGCAATGATTTGATAGACACCTTATGAGAAAAATGTCAGATTTTGGC 646
Db 542 TCGAGGGTCAAGTGGCAATGGTGGAGCGGACACCTTTGACAAAGTCTCTGAGCTTCTGGG 601
QY 647 ACCTAGTGTGAGCCCAATCA-----TTCTGCAGAGCAATGCTGCTCAATAGTCTTCTGGA 700
Db 602 ATGTAGGGGAGCCCAACACATAGTACCTCGAGGACTGTGCCACCATGAGAGACTCTT 661
QY 701 AACCTACAGGATGGGCTGGAATGATGTTATCTGTGAAACTAGAGGAATTCATATGTG 760
Db 662 CAACCCCAAGGCAAAATTTGGAATGATGTAACCTGTTTCTCTCAATATTTTTCGGATTGTG 721
QY 761 AGATG 765
Db 722 AAATG 726

RESULT 14

US-09-903-603A-376

; Sequence 376, Application US/09903603A

; Patent No. 6767995

GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, David
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: GNE.1618P2C12
; CURRENT APPLICATION NUMBER: US/09/903,603A
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 376
; LENGTH: 997
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-903-603A-376

Query Match 3.8%; Score 117.4; DB 3; Length 997;

Best Local Similarity 54.4%; Pred. No. 2.6e-16;
Matches 329; Conservative 0; Mismatches 261; Indels 15; Gaps 4;
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QY 287 TTACATATGGTGAAGCTGGCAAAAGGCTGTCTGAACTACACTCATATATCAATCAAGTCTCA 346
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QY 347 CTGTGCTTCAAGTGAAGGACAAAGGTCAGCTGGGAGTGTGGCCAGCTTCTTGGAACT 406
DB 305 CCTGCTACAATTTATGGATCA---GGTTCAGTCAAGAAATTTGTGTCCATTTGAACTGGGAAT 361
QY 407 CATTTGGTTCCAGTTGCTACTTTTCATTTCCAGTGAAGAAAGTTTGGTCTTAAGAGTGAAG 466
DB 362 ATTTTCAATCCAGCTGCTACTTTCTTTCTGACACACATTTCTTGGGCGTTAAGTTTAA 421
QY 467 AGAAGTGTGTGAGATGGGAGCACATTTGGTGTGTGTTTCAACACAGAGAGAGAGCAAGATT 526
DB 422 AGAAGTGTGTGAGATGGGAGCACATTTGGTGTGTGTTTCAACACAGAGAGAGAGCAAGATT 481
QY 527 TCATTTGTCAGAGCTGGAATGAGTCAATTTTCTTATTTTCTGGGCTTTTCAGAGAGAGAG 586
DB 482 TCCTTTCTTACAAGAAACCTTAAATGAGAGAGATTTTTTATTTGAGCTGTTCAGAGAGAGTTG 541
QY 587 GTAATAATAATTGGCAATGATTTGATAAGACACACTTTATGAGAAAAATGTCAGATTTTGGC 646
DB 542 TCAGAGGTCAGTGGCAATGGTGGAGCGGACACACTTTGACAAAGTCTCTGAGCTTCTGGG 601
QY 647 ACCTAGGTGAGCCCAATCA-----TTCTGCAGAGCAATGTGCTTCAATAGTCTTCTGGA 700
DB 602 ATGTAGGGAGGCCCAACAACATAGCTACCTCGAGGAGCTGTGCCACCATGAGAGACTT 661
QY 701 AACCTACAGATGGGCTGGAATGATGTTATCTGTGAAACTAGAGGAATTCATATGTG 760
DB 662 CAAACCCAAAGGCAAAATTTGGAATGATGTAACCTGTTTCTCTCAATTTTTCGGATTGTG 721
QY 761 AGATG 765
DB 722 AAATG 726
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US-09-904-920A-376
; Sequence 376, Application US/09904920A
; Patent No. 6806352
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, David
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.


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/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William, I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: 10466-14
/ CURRENT APPLICATION NUMBER: US/09/904,920A
/ CURRENT FILING DATE: 2001-07-13
/ PRIOR APPLICATION NUMBER: PCT/US00/04414
/ PRIOR FILING DATE: 2000-02-22
/ PRIOR APPLICATION NUMBER: US 60/143,048
/ PRIOR FILING DATE: 1999-07-07
/ PRIOR APPLICATION NUMBER: US 60/145,698
/ PRIOR FILING DATE: 1999-07-26
/ PRIOR APPLICATION NUMBER: US 60/146,222
/ PRIOR FILING DATE: 1999-07-28
/ PRIOR APPLICATION NUMBER: PCT/US99/20594
/ PRIOR FILING DATE: 1999-09-08
/ PRIOR APPLICATION NUMBER: PCT/US99/20944
/ PRIOR FILING DATE: 1999-09-13
/ PRIOR APPLICATION NUMBER: PCT/US99/21090
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/21547
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/23089
/ PRIOR FILING DATE: 1999-10-05
/ PRIOR APPLICATION NUMBER: PCT/US99/28214
/ PRIOR FILING DATE: 1999-11-29
/ PRIOR APPLICATION NUMBER: PCT/US99/28313
/ PRIOR FILING DATE: 1999-11-30
/ PRIOR APPLICATION NUMBER: PCT/US99/28564
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/28565
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/30095
/ PRIOR FILING DATE: 1999-12-16
/ PRIOR APPLICATION NUMBER: PCT/US99/30911
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US99/30999
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US00/00219
/ PRIOR FILING DATE: 2000-01-05
/ NUMBER OF SEQ ID NOS: 423
/ SEQ ID NO 376
/ LENGTH: 997
/ TYPE: DNA
/ ORGANISM: Homo Sapien
US-09-904-920A-376

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	Query Match	3.8%;	Score 117.4;	DB 3;	Length 997;
	Best Local Similarity	54.4%;	Pred. No. 2.6e-16;		
	Matches 329;	Conservative 0;	Mismatches 261;	Indels 15;	Gaps 4;
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208	QY	CA	TTTGGTTCCAGTTGCTACTTCTATTTCAGTGAAGAGAAAGTTTGGTTCTAAAGTAGTACG		
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467	Qy	AGAACTGTGTGAGATGGGAGCACAATTTGGTTGTGTTCAACACAGAAGCAGAGCAGAATT	526
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527	Qy	TCATTGTCAGCAGCTGAATGAGTCATTTCTCTTATTTTCTGGGGCTTTTCAGACCCACAAAG	586
482	Db	TCCTTTCTCTCAAGAAACCTAAAAATGAGAGAGTTTTTTTATTTGGACTGTCAGACCCAGGTTG	541
587	Qy	GTAATAATAATTGSCAATGGATTTCATAAGACACACCTTATGAGAGAAAATCTCGAGATTTTCGC	646
542	Db	TCGAGGGTCAGTGGCAATGGGTGACGCGCACACCTTTTGACAAAGTCTCTGAGCTTCTGGG	601
647	Qy	ACCTAGGTGAGCCCCAATCA-----TTCTGCAGAGCAATGTGCTTCAATAGTCTTCTGGA	700
602	Db	ATGTAGGGGAGCCCAACAACATAGCTACCTCTGGAGGACTGTGCCACCATGAGAGACTCTT	661
701	Qy	AACCTACAGGATGGGGCTGGAATGATGTATCTGTGAAACTAGAGGAATTCAAATATGTG	760
662	Db	CAAAACCAAGGCRAAAATGGGAATGATGTAACTGTTTCTCTCAATTTATTTTCGGATTGTG	721
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722	Db	AAATG	726

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GenCore version 5.1.7
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OM nucleic - nucleic search, using sw model

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Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

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Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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- 3: /cgn2_6/ptodata/1/ina/6A_COMB.seq.*
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- 5: /cgn2_6/ptodata/1/ina/H_COMB.seq.*
- 6: /cgn2_6/ptodata/1/ina/PTUS_COMB.seq.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	ID	Description
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2	303.2	48.4	501	3	US-08-772-440-20
3	260.2	41.5	393	3	US-08-772-440-22
4	192	30.6	1104	3	US-09-111-470-1
5	192	30.6	1104	3	US-09-862-802A-1
6	192	30.6	1271	3	US-09-949-002-120
7	161.6	25.8	334	3	US-09-016-434-698
8	134	21.4	1418	3	US-09-111-470-7
9	134	21.4	1418	3	US-09-862-802A-7
10	117.4	18.7	997	3	US-09-907-794A-376
11	117.4	18.7	997	3	US-09-905-125A-376
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13	117.4	18.7	997	3	US-09-906-700-376
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16	117.4	18.7	997	3	US-09-909-064-376
17	117.4	18.7	997	3	US-09-905-381A-376
18	117.4	18.7	997	3	US-09-906-618-376
19	117.4	18.7	997	3	US-09-906-646-376
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21	117.4	18.7	997	3	US-09-902-736A-376
22	117.4	18.7	997	3	US-09-906-722A-376
23	94.6	15.1	145	3	US-08-772-440-42
24	94.4	15.1	152	3	US-08-772-440-40

25	94.4	15.1	10409	3	US-08-772-440-33	Sequence 33, Appl
26	89.6	14.3	2076	3	US-09-489-847-51	Sequence 51, Appl
27	79.2	12.6	116	3	US-08-772-440-41	Sequence 41, Appl
28	77	12.3	2059	3	US-09-489-847-119	Sequence 119, App
29	60	9.6	101	3	US-08-772-440-39	Sequence 39, Appl
30	58.4	9.3	92	3	US-08-772-440-38	Sequence 38, Appl
31	58.2	9.3	2318	3	US-09-620-312D-733	Sequence 733, App
32	58	9.3	84	3	US-08-772-440-18	Sequence 18, Appl
33	52	8.3	10409	3	US-08-772-440-33	Sequence 33, Appl
34	47.6	7.6	1348	3	US-09-949-016-4090	Sequence 4090, Ap
35	44.8	7.1	1756	3	US-09-787-192-10	Sequence 10, Appl
36	44.2	7.0	763	3	US-09-919-039-129	Sequence 129, App
37	44.2	7.0	871	2	US-08-650-578-1	Sequence 1, Appl
38	44.2	7.0	1271	3	US-09-949-016-931	Sequence 931, App
39	44.2	7.0	1364	3	US-09-949-016-329	Sequence 329, App
40	43.6	7.0	2291	3	US-09-799-451-175	Sequence 175, App
41	40.4	6.4	832	3	US-09-621-976-2813	Sequence 2813, Ap
42	40.2	6.4	301	3	US-09-222-575-29	Sequence 29, Appl
43	40.2	6.4	301	3	US-09-389-681-29	Sequence 29, Appl
44	40.2	6.4	301	3	US-09-620-405B-29	Sequence 29, Appl
45	40.2	6.4	301	3	US-09-339-338-29	Sequence 29, Appl

ALIGNMENTS

RESULT 1

US-08-772-440-3

; Sequence 3, Application US/08772440

; Patent No. 6046158

; GENERAL INFORMATION:

; APPLICANT: Ariizumi, Kiyoshi

; APPLICANT: Takashima, Akira

; TITLE OF INVENTION: UNIQUE DENDRITIC CELL-ASSOCIATED C-TYPE

; TITLE OF INVENTION: LECTINS, DECTIN-1 AND DECTIN-2; COMPOSITIONS AND USES

; TITLE OF INVENTION: THEREOF

; NUMBER OF SEQUENCES: 42

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Arnold, White & Durkee

; STREET: P.O. Box 4433

; CITY: Houston

; STATE: Texas

; COUNTRY: USA

; ZIP: 77210

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentin Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/772,440

; FILING DATE: CONCURRENTLY HEREMITH

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Parker, David L.

; REGISTRATION NUMBER: 32,165

; REFERENCE/DOCKET NUMBER: UTXD:493

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 512/418-3000

; TELEFAX: 512/474-7577

; INFORMATION FOR SEQ ID NO: 3:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 1227 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; US-08-772-440-3

Query Match 59.5%; Score 373.2; DB 3; Length 1227;

Best Local Similarity 76.1%; Pred. No. 1e-108;

Matches 475; Conservative 0; Mismatches 143; Indels 6; Gaps 1;

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;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patent In Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; FILLING DATE: CONCURRENTLY HEREWITH
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Parker, David L.
;; REGISTRATION NUMBER: 32,165
;; REFERENCE/DOCKET NUMBER: UTXD-493
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 512/418-3000
;; TELEFAX: 512/474-7577
;; INFORMATION FOR SEQ ID NO: 22:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 393 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-772-440-22

Query Match 41.5%; Score 260.2; DB 3; Length 393;
Best Local Similarity 78.9%; Pred. No. 7.4e-73;
Matches 310; Conservative 0; Mismatches 83; Indels 0; Gaps 0;
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Db 1 TGCCCAATCACTGGAAGTCAATTTGGCTCCAGCTGCTACTTCTTCCAGGAGAAC 60
QY 295 GTTGTGCTTAAGAGTGAGCAGAACTGTGTTGAGATGGGAGCACATTTGGTTGTTCAAC 354
Db 61 TTCTGGAGCACCAGTGAGCAGAACTGTGTTGAGATGGGAGCTCATCTGGTGTGATCAAT 120
QY 355 ACAGAGCAGAGAGAAATTTCAATGTTCCAGCAGCTGAATGAGTCAATTTCTTATTTCTG 414
Db 121 ACTGAAGCGGAGAGAAATTTCAATGTTCCAGCAGCTGAATGAGTCAATTTCTTACTTCTG 180
QY 415 GGGCTTTGAGCCACAGAGTGAATAATAATTTGGCAATGGAATGATAGACACCTTATGAG 474
Db 181 GGTCTTTGGATCCACAGAGTGAATGGAATGGAATGGAATGATATCTCTTTCAGT 240
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Db 241 CAAAATGTCAGTCTGACACCCCAATGATGCAATCTTCCAGAGAGCGGTGTTCA 300
QY 535 ATAGTCTTCTGGAACCTACAGATGGGCTGGAATGATGTTATCTGTGAAACTAGAGG 594
Db 301 ATAGTTTACTGGAATCTTCCAAATGGGCTGGAATGATGTTTCTGTGATAGTAAACAC 360
QY 595 AATTCATATGTGAGATGAATAGATTTACCTA 627
Db 361 AATTCATATGTGAATGAAGAGATTTACCTA 393

RESULT 4
US-09-111-470-1
; Sequence 1, Application US/09111470
; Patent No. 6277959
; GENERAL INFORMATION:
; APPLICANT: Valladeau, Jenny
; APPLICANT: Ravel, Odile
; APPLICANT: Bates, Elizabeth E.M.
; APPLICANT: Ford, John
; APPLICANT: Saeland, Sem
; APPLICANT: Lebecque, Serge J.E.
; TITLE OF INVENTION: Mammalian Membrane Protein Genes;
; TITLE OF INVENTION: Related Reagents
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DNAX Research Institute
; STREET: 901 California Avenue

;; CITY: Palo Alto
;; STATE: California
;; COUNTRY: USA
;; ZIP: 94304-1104
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patent In Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/111,470
;; FILING DATE: 08-JUL-1998
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 60/053,080
;; FILING DATE: 09-JUL-1997
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Ching, Edwin P.
;; REGISTRATION NUMBER: 34,090
;; REFERENCE/DOCKET NUMBER: SF0695
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (650) 852-9196
;; TELEFAX: (650) 496-1200
;; INFORMATION FOR SEQ ID NO: 1:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 1104 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; FEATURE:
;; NAME/KEY: CDS
;; LOCATION: 242..952
US-09-111-470-1

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Best Local Similarity 68.0%; Pred. No. 7.7e-51;
Matches 283; Conservative 0; Mismatches 130; Indels 3; Gaps 1;
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Db 537 AGAGACAGCCTGGAGCTGTGCCCAAGAAATTTGGAAAGTCAATTTAGTCCAACTGCTACT 596
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QY 335 CACATTTGTTGTTTCAACAGAGAGCAGAAATTTCAATTTGTCAGAGCTGAAATG 394
Db 657 CTCACCTGCTGTGATAAACACTCAAGAGAGAGCAGGATTTCAATTTCCAGAAATCTGCAAG 716
QY 395 AGTCATTTCTTATTTTCTGGGGCTTTCAGACCCACAGGTAAATATAATTTGCAATGGA 454
Db 717 AAGAATCTGCTTATTTTGTGGGGCTCTCAGATCCAGAGGTCAGCGACATTTGGCAATGGG 776
QY 455 TTGATAAGACACCTTATGAGAAAAATGTCAGATTTTGGCACCTAGGTGAGCCCAATCAAT 514
Db 777 TTGATCAGACACCATACATGAAAGTTCCACATTTGGGATCCACGTGAGCCCAAGTATC 836
QY 515 CTGACAGCAATGTGCTTCAATAGTCTTCTGAAA---ACCTACAGGATGGGGCTGAAATG 571
Db 837 CCAATGAGCGCTGCGTTGTGTAATTTTCGTAAATCAACCAAGAGATGGGGCTGAAATG 896
QY 572 ATGTTATCTGTGAAGACTAGAAGAAATTCATATGTGAGATGAATAGATTTACCTA 627
Db 897 ATGTTAATTTGCTTGTGCTCTCAAGAGTCAATTTGTGAGATGATGAAGATCCACTTA 952
RESULT 5
US-09-862-802A-1
; Sequence 1, Application US/09862802A
; Patent No. 6756478
; GENERAL INFORMATION:

```
; APPLICANT: Valladeau, Jenny
; APPLICANT: Ravel, Odile
; APPLICANT: Batee, Elizabeth Ester Mary
; APPLICANT: Ford, John
; APPLICANT: Lebecque, Serge J.E.
; APPLICANT: Saeland, Sem
; TITLE OF INVENTION: Isolated Mammalian Membrane Protein Genes; Related Reagents
; FILE REFERENCE: SF0695 B
; CURRENT APPLICATION NUMBER: US/09/862,802A
; CURRENT FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: US 60/053,080
; PRIOR FILING DATE: 1997-07-09
; PRIOR APPLICATION NUMBER: US 09/111,470
; PRIOR FILING DATE: 1998-07-08
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 1
; LENGTH: 1104
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: mammalian nucleic acid and protein
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (242)..(952)
; OTHER INFORMATION:
; US-09-862-802A-1

Query Match 30.6%; Score 192; DB 3; Length 1104;
Best Local Similarity 68.0%; Pred. No. 7.7e-51;
Matches 283; Conservative 0; Mismatches 130; Indels 3; Gaps 1;

QY 215 AGTGCCAGCCTGGGGATGTTGCCAGCTTCTTGGAGTCAATTTGGTTCAGTTGCTACT 274
Db 537 AAGAGACAGCCTGGAGCTGTTGCCAAAGAAATGGAAATCATTTAGTTCCAACTGCTACT 596
QY 275 TCATTTCCAGTGAAGAGAGGTTTGGTCTTAAGAGTGCAGAGTCAATTAATTTGCAATGGA 334
Db 597 TTATTTCTACTGAATCAGCATCTTGGCAAGACAGTGAGAAGGACTGTCTAGAAATGGAGG 656
QY 335 CACATTTGGTGTGTTCAACAGAGAGAGAGAAATTTCAATTTGTCCAGAGCTGAATG 394
Db 657 CTCACCTGCTGTGATAAACACTCAAGAGAGAGAGGATTTTCATTTCCAGAATCTGCAAG 716
QY 395 AGTCATTTCTTATTTTCTGGGGCTTTCAGACCCCAAGGTAATAATTTGCAATGGA 454
Db 717 AAGAATCTGCTTATTTTGGGGCTCTCAGATCCAGAAGGTGAGCAATTTGCAATGGG 776
QY 455 TTGATAAGACACCTTATGAGAAAAATGTCAGATTTTGGCACCTTAGGTGAGCCCAATCAT 514
Db 777 TTGATCAGACACCATACATGAAGTTCCACATTTCTGGCATCCACGTGAGCCCAATGATC 836
QY 515 CTGACAGAGCAATGTGCTTCAATAGTCTTCTGGAA---ACCTACAGATGGGGCTGGAATG 571
Db 837 CCAATGAGCGCTGCGTTGTGTAATAATTTTCGTAATACCCCAAAAGATGGGGCTGGAATG 896
QY 572 ATGTTATCTGTGAAATCAGAGGAATTCATATGTGAGATGAATAGATTTTACCTA 627
Db 897 ATGTTAATTTGCTTGTGTCCTCAAAAGGTGAGTTTGTGAGATGATGAAGATCCACTTA 952

RESULT 6
US-09-949-002-120
; Sequence 120, Application US/09949002
; Patent No. 6900016
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH INFLAMMATORY AUTOIMMUNE DISEASE, METHODS OF DETECTION
; TITLE OF INVENTION: AND USES THEREOF
; FILE REFERENCE: CL000790
; CURRENT APPLICATION NUMBER: US/09/949,002
; CURRENT FILING DATE: 2000-01-28
```

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; PRIOR APPLICATION NUMBER: 60/231,401
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 10823
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 120
; LENGTH: 1271
; TYPE: DNA
; ORGANISM: Human
; US-09-949-002-120

Query Match 30.6%; Score 192; DB 3; Length 1271;
Best Local Similarity 68.0%; Pred. No. 8.2e-51;
Matches 283; Conservative 0; Mismatches 130; Indels 3; Gaps 1;

QY 215 AGTGCCAGCCTGGGGATGTTGCCAGCTTCTTGGAGTCAATTTGGTTCAGTTGCTACT 274
Db 537 AAGAGACAGCCTGGAGCTGTTGCCAAAGAAATTTGGAAGTCATTTAGTTCCAACTGCTACT 596
QY 275 TCATTTCCAGTGAAGAGAGGTTTGGTCTTAAGAGTGCAGAGTCAATTAATTTGCAATGGA 334
Db 597 TTATTTCTACTGAATCAGCATCTTGGCAAGACAGTGAGAAGGACTGTCTAGAAATGGAGG 656
QY 335 CACATTTGGTGTGTTCAACAGAGAGAGAGAAATTTCAATTTGTCCAGAGCTGAATG 394
Db 657 CTCACCTGCTGTGATAAACACTCAAGAGAGAGAGGATTTTCATTTCCAGAATCTGCAAG 716
QY 395 AGTCATTTCTTATTTTCTGGGGCTTTCAGACCCCAAGGTAATAATTTGCAATGGA 454
Db 717 AAGAATCTGCTTATTTTGGGGCTCTCAGATCCAGAAGGTGAGCAATTTGCAATGGG 776
QY 455 TTGATAAGACACCTTATGAGAAAAATGTCAGATTTTGGCACCTTAGGTGAGCCCAATCAT 514
Db 777 TTGATCAGACACCATACATGAAGTTCCACATTTCTGGCATCCACGTGAGCCCAATGATC 836
QY 515 CTGACAGAGCAATGTGCTTCAATAGTCTTCTGGAA---ACCTACAGATGGGGCTGGAATG 571
Db 837 CCAATGAGCGCTGCGTTGTGTAATAATTTTCGTAATACCCCAAAAGATGGGGCTGGAATG 896
QY 572 ATGTTATCTGTGAAATCAGAGGAATTCATATGTGAGATGAATAGATTTTACCTA 627
Db 897 ATGTTAATTTGCTTGTGTCCTCAAAAGGTGAGTTTGTGAGATGATGAAGATCCACTTA 952

RESULT 7
US-09-016-434-698
; Sequence 698, Application US/09016434
; Patent No. 6500938
; GENERAL INFORMATION:
; APPLICANT: Janice Au-Young
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
; TITLE OF INVENTION: PATHWAY GENE EXPRESSION
; NUMBER OF SEQUENCES: 1490
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/016,434
; FILING DATE: HEREWITH
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; CLASSIFICATION:
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Db 188 GGATCCCCATCCTATTTCTCAGTCGCTGTTTCATCACAGAGTGGTTGTGACATTTTCGCA 247
Qy 134 TTACATATGGTGAACACTGGCAAAAGGCTGTGTGAACCTACACTCATATCATTTCAAGTCTCA 193
Db 248 TCTTTCAACCTGTGATGAGAAAGT---TCAGCTACCTGAGAAATTCACAGAGTCT 304
Qy 194 CTTGCTTCAGTGAAGGACAAAGTGGCAGCTGGGAGTGTGCCAGCTTCTTGGAAAGT 253
Db 305 CTTGCTACAATTTATGATCA---GGTTCAAGTCAAGAAATTTGTTCCTTGAACCTGGGAAT 361
Qy 254 CATTTGGTTCAGTTCCTACTTCTATTTCCAGTGAAGAGAGTTTGTCTAAGAGTGAGC 313
Db 362 ATTTTCAATCCAGCTGCTACTTCTTTCTACTGACACCATTTCTCGGGCGTTAAGTTAA 421
Qy 314 AGAACTGTGTGAGATGGGACACATTTGGTGTGTTCACACAGAGCAGAGCAAGT 373
Db 422 AGAACTGCTCAGCCTAGGGGCTCACCTGGTGTGTATCACTCACAGGAGGAGCAAGT 481
Qy 374 TCATTTGCTCAGCAGCTGAATGAGTCATTTCTTATTTTCTGGGGCTTTCAGACCCACAAG 433
Db 482 TCCTTTCTCTACAAGAAACCTAAATGAGAGAGTTTTTTTATTTGGACTGTCAGACCGAGT 541
Qy 434 GTATATATATTCGAATGATTCATTAAGACACCTTATGAGAAAAATGTGATTTTGGC 493
Db 542 TCGAGGGTCAAGTGGCAATGGGTGGACGGCACACCTTTGACAAAGTCTCTGAGCTTCTGG 601
Qy 494 ACCTAGGTGAGCCCCAATCA-----TTCTGCAGAGCAATGTCTTCAATAGTCTTCTGGA 547
Db 602 ATGTAGGGGAGCCCAACACATAGCTACCTCGAGGAGTGTGCCACCATGAGAGCTCTT 661
Qy 548 AACCTACAGGATGGGCTGGAATGATTTATCTGTGAACCTAGAAAGAAATTCATATGTG 607
Db 662 CAACACCAAGGCAAAATTTGAATGATGTAACTGTTTCTCTCAATTTATTTTCGGATTTGT 721
Qy 608 AGATG 612
Db 722 AAATG 726

RESULT 11
US-09-905-125A-376
; Sequence 376, Application US/09905125A
; Patent No. 6664376
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905,125A

; CURRENT FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143, 048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145, 698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146, 222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 376
; LENGTH: 997
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-905-125A-376

Query Match 18.7%; Score 117.4; DB 3; Length 997;
Best Local Similarity 54.4%; Pred. No. 5e-27;
Matches 329; Conservative 0; Mismatches 261; Indels 15; Gaps 4;

Qy 17 AACCTCAAGTACAGAGAAAGAGGCTGGTTGCCC---TGAGACTCTGCTGTGGCTG 73
Db 128 AAACACAATGCACAGAGAGAGGATGCTTCTTCCCAAAATGTTCTTATGGACTGTTGCTG 187
Qy 74 GGATTTCCATTGCACTCCCTCAGTCTTGTTCATTGTGAGCTGTGTAGTAACCTTACCATT 133
Db 188 GGATCCCATCTCTATTTCTCAGTGCCTGTTTCATCACCAGATGTTGTGTGACATTTCCGA 247
Qy 134 TTACATATGGTGAACACTGGCAAAAGGCTGTGTGAACCTACACTCATATCATTTCAAGTCTCA 193
Db 248 TCTTTCAAAACCTGTGATGAGAAAGT---TCAGCTACCTGAGAAATTCACAGAGCTCT 304
Qy 194 CTTGCTTCAGTGAAGGACAAAGGCTGCCAGCTGGGAGTGTGCCAGCTTCTTGGAAAGT 253
Db 305 CTTGCTACAATTTATGATCA---GGTTCAAGTCAAGAAATTTGTTCCTTGAACCTGGGAAT 361
Qy 254 CATTTGGTTCAGTTCCTACTTCTATTTCCAGTGAAGAGAGTTTGTCTTAAAGAGTGAGC 313
Db 362 ATTTTCAATCCAGCTGCTACTTCTTTCTACTGACACCATTTCTCGGGCGTTAAGTTAA 421
Qy 314 AGAACTGTGTGAGATGGGAGCACAATTTGGTGTGTTCACACAGAGCAGAGCAAGT 373
Db 422 AGAACTGCTCAGCCATGGGGCTCACCTGGTGTGTATCACTCACAGGAGGAGCAAGT 481
Qy 374 TCATTTGCTCAGCAGCTGAATGAGTCATTTTCTTATTTTCTGGGGCTTTCAGACCCACAAG 433
Db 482 TCCTTTCTCTACAAGAAACCTAAATGAGAGAGTTTTTTTATTTGGACTGTCAGACCGAGT 541

QY 434 GTAATAATATTTGGCAATGATTTGATAAGACACCTTTATGAGAAAAATGTCAGATTTTGGC 493
Db 542 TCGAGGGTTCAGTGGCAATGGGTGGACGGCACACCTTTTGACAAAAGTCTCTGAGCTTCTGGG 601
QY 494 ACCTAGGTGAGCCCAATCA-----TTCTGCAGAGCAATGCTTCAATAGTCTTCTGGG 547
Db 602 ATGTAGGGGAGCCCAACAATAGTACCTCTGGAGGACTGTGCCACCATGAGAGACTCTT 661
QY 548 AACCTACAGATGGGGCTGGAATGATGTTATCTGTGAACTAGAGGAAATTCATATGTG 607
Db 662 CAAACCAAGGCAAAATTTGGAATGATGTAACCTGTTTCCCTCAATATTTTTCGGATTGTG 721
QY 608 AGATG 612
Db 722 AAATG 726

RESULT 12
US-09-902-775A-376
; Sequence 376, Application US/09902775A
; Patent No. 6686451
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/902.775A
; PRIOR FILING DATE: 2001-07-10
; PRIOR FILING DATE: 2000-02-22
; PRIOR FILING DATE: 1999-07-07
; PRIOR FILING DATE: 1999-07-26
; PRIOR FILING DATE: 1999-07-28
; PRIOR FILING DATE: 1999-09-08
; PRIOR FILING DATE: 1999-09-13
; PRIOR FILING DATE: 1999-09-15
; PRIOR FILING DATE: 1999-09-15
; PRIOR FILING DATE: 1999-09-15
; PRIOR FILING DATE: 1999-10-05
; PRIOR FILING DATE: 1999-11-29

; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 376
; LENGTH: 997
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-902-775A-376
Query Match 18.7%; Score 117.4; DB 3; Length 997;
Best Local Similarity 54.4%; Pred. No. 5e-27;
Matches 329; Conservative 0; Mismatches 261; Indels 15; Gaps 4;
QY 17 AACCTCAAAGTACAGAGAAAGAGGCTGCTTGTCC--TGAGACTCTGCTCTGTGGCTG 73
Db 128 AAACAACAATGCACAGAGAGAGGATGCTTCTTCCCAATGTTTATGACATGTTGCTG 187
QY 74 GGATTTCCATGTCACCTCCTCAGTGTGCTTCAATGTGAGCTGTGTAGTAACATTACATT 133
Db 188 GGATCCCCATCTATTTCTCAGTGCCTGTTTCATCACCAGATGTGTGTGACATTTGCGA 247
QY 134 TTACATATGGTGAACCTGGCAAAAGGCTGTCTGAACCTACATCATATCATTTCAAGTCTCA 193
Db 248 TCTTTCAAAACCTGTGATGAGAAAAAGTT---TCAGCTACCTGAGAAATTTTCACAGAGCTCT 304
QY 194 CCTGCTTCAGTGAAGGCAAAAGGTGCCAGCCTGGGGATGTTGCCAGCTTCTTGGAAAT 253
Db 305 CTTGCTACAAATTTATGATCA---GGTTCACTCAAGAAATTTGTGTCATTTGAACTGGGAAT 361
QY 254 CATTTGGTTCAGATTTGCTACTTTCATTTCCAGTGAAGAGAGGTTTGGTCTTAAGAGTGAGC 313
Db 362 ATTTTCAATCCAGCTGCTACTTCTTTTCTACTGACACCATTTTCTGGCGTTAAGTTAA 421
QY 314 AGAATGTGTGAGATGGGAGCACATTTGTTGTGTTTCAACACAGAGAGCAGACAGATTT 373
Db 422 AGAACTGTCTCAGCCATGGGGGCTCACCTGGTGGTTATCAACTCACAGAGGAGCAGGAAT 481
QY 374 TCATTTGTCAGCAGCTGAATGAGTCATTTTCTTATTTTCTGGGGCTTTCAGACCCACAAG 433
Db 482 TCCTTTTCTCAAGAAACCTAAATGAGAGAGTTTTTTTATTTGAGCTGTGACAGCAGGTTG 541
QY 434 GTAATAATATTTGGCAATGATTTGATAAGACACCTTTATGAGAAAAATGTCAGATTTTGGC 493
Db 542 TCGAGGGTTCAGTGGCAATGGGTGGACGGCACACCTTTTGACAAAAGTCTCTGAGCTTCTGGG 601
QY 494 ACCTAGGTGAGCCCAATCA-----TTCTGCAGAGCAATGCTTCAATAGTCTTCTGGG 547
Db 602 ATGTAGGGGAGCCCAACAATAGTACCTCTGGAGGACTGTGCCACCATGAGAGACTCTT 661
QY 548 AACCTACAGATGGGGCTGGAATGATGTTATCTGTGAACTAGAGGAAATTCATATGTG 607
Db 662 CAAACCAAGGCAAAATTTGGAATGATGTAACCTGTTTCCCTCAATATTTTTCGGATTGTG 721
QY 608 AGATG 612
Db 722 AAATG 726
RESULT 13
US-09-906-700-376
; Sequence 376, Application US/09906700

Patent No. 6723535
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/906,700
CURRENT FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 376
LENGTH: 997
TYPE: DNA
ORGANISM: Homo Sapien
US-09-906-700-376

Query Match 18.7%; Score 117.4; DB 3; Length 997;
Best Local Similarity 54.4%; Pred. No. 5e-27;
Matches 329; Conservative 0; Mismatches 261; Indels 15; Gaps 4;
QY 17 AACCTCAAAAGTACAGAGAAAGAGGCTGGTGTGCC---TGAGACTCTGCTGTGCTG 73
Db 128 AAACACAATGCACAGAGAGAGGATGCTCTCTTCCCAAAATGTTCTTATGACTGTGCTG 187
QY 74 GGATTTCCATTGTCACCTCCTCAGTGCTTGTCTTCAATGTGAGCTGTGTAGTAACATTACCATT 133
Db 188 GGATCCCCATCTATTCTCAGTGCTCTTTCATCACCAGATGTGTGTGACATTTCGCA 247
QY 134 TTACATATGTGAAACTGGCAAAAGGCTGTCTGAACTACACTCATATCATATTCATTCAAGTCTCA 193
Db 248 TCTTTCAAACTGTGATGAGAAAAAGTT---TCAGCTACCTGAGAAATTTTCACAGAGCTCT 304
QY 194 CTTGCTTTCAGTGAAGGACAAAGGTCGCCAGCTGGGGATGTTCGCCAGCTTCTTGGAGT 253
Db 305 CTTGCTTTCAGTGAAGGACAAAGGTCGCCAGCTGGGGATGTTCGCCAGCTTCTTGGAGT 361
QY 254 CATTTGGTTCCAGTTTGTCTACTTCTTCCAGTGAAGAGAGTGTTCGTCTAAGAGTGAAGC 313
Db 362 ATTTTCAATCCAGCTGCTACTTCTTTTCTACTGACACCATTTTCTGGCGGTTAAGTTAA 421
QY 314 AGAACTGTGTGATGAGGAGGACATTTGTTGTGTGTTTAAACACAGAGGAGAGAGAAAT 373
Db 422 AGAACTGTGTGATGAGGAGGACATTTGTTGTGTGTTTAAACACAGAGGAGAGAGAAAT 481
QY 374 TCATTTCTCCAGCAGCTGAATGAGTCAATTTCTTATTTTCTGGGGCTTTCAGACCCACAG 433
Db 482 TCCTTTCTCACAAGAAACCTTAAATGAGAGAGTGTTCATTTTATTTGAGCTGTTCAGACCGGTTG 541
QY 434 GTAATAATAATTGGCAATGGATTGATAAGACACCTTTATGAGAAAAAATGTCAGATTTTGGC 493
Db 542 TCGAGGGTCAATGGGCAATGGGTCGAGCGCACACCTTTGACAAAGTCTCTGAGGCTTCTGGG 601
QY 494 ACCTAGTGAGGCCAATCA-----TTCTGACAGAGCAATGTGCTTCAATAGTCTTCTGGA 547
Db 602 ATGTAGGGGAGGCCAACAAACATAGTACCTGAGGAGCTGTGCCACCATGAGAGACTCTT 661
QY 548 AACCTACAGATGGGGCTGGAATGATGTTATCTGTGAAACTAGAGAGAAATTCATATGTG 607
Db 662 CAAACCAAGGCCAAATGGAATGATGTAACCTGTTTCTCTCAATTTATTTTCGGAATTTGTG 721
QY 608 AGATG 612
Db 722 AATG 726
RESULT 14
US-09-903-603A-376
Sequence 376, Application US/09903603A
Patent No. 6767995
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James

```
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: GNE.1618P2C12
; CURRENT APPLICATION NUMBER: US/09/903,603A
; PRIOR FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 376
; LENGTH: 997
; TYPE: DNA
; ORGANISM: Homo Sapien
; US-09-903-603A-376

Query Match      18.7%; Score 117.4; DB 3; Length 997;
Best Local Similarity 54.4%; Pred. No. 5e-27;
Matches 329; Conservative 0; Mismatches 261; Indels 15; Gaps 4;

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Qy 194 CTTGCTTTCAAGTAAGGACAAAGGTGCGAGCTGGGATGTTGCCAGCTTCTTTGGAAGT 253
Db 305 CTTGCTACAAATTTATGGATCA---GGTTTCAGTCAAGAAATTTGTTGCCATTCGAATGGGAAT 361
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; Sequence 376, Application US/09904920A
; Patent No. 6806352
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/904,920A
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
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;; PRIOR APPLICATION NUMBER: PCT/US99/20944
;; PRIOR FILING DATE: 1999-09-13
;; PRIOR APPLICATION NUMBER: PCT/US99/21090
;; PRIOR FILING DATE: 1999-09-15
;; PRIOR APPLICATION NUMBER: PCT/US99/21547
;; PRIOR FILING DATE: 1999-09-15
;; PRIOR APPLICATION NUMBER: PCT/US99/23089
;; PRIOR FILING DATE: 1999-10-05
;; PRIOR APPLICATION NUMBER: PCT/US99/28214
;; PRIOR FILING DATE: 1999-11-29
;; PRIOR APPLICATION NUMBER: PCT/US99/28313
;; PRIOR FILING DATE: 1999-11-30
;; PRIOR APPLICATION NUMBER: PCT/US99/28564
;; PRIOR FILING DATE: 1999-12-02
;; PRIOR APPLICATION NUMBER: PCT/US99/28565
;; PRIOR FILING DATE: 1999-12-02
;; PRIOR APPLICATION NUMBER: PCT/US99/30095
;; PRIOR FILING DATE: 1999-12-16
;; PRIOR APPLICATION NUMBER: PCT/US99/30911
;; PRIOR FILING DATE: 1999-12-20
;; PRIOR APPLICATION NUMBER: PCT/US99/30999
;; PRIOR FILING DATE: 1999-12-20
;; PRIOR APPLICATION NUMBER: PCT/US00/00219
;; PRIOR FILING DATE: 2000-01-05
;; NUMBER OF SEQ ID NOS: 423
;; SEQ ID NO 376
;; LENGTH: 997
;; TYPE: DNA
;; ORGANISM: Homo Sapien
US-09-904-920A-376

Query Match 18.7%; Score 117.4; DB 3; Length 997;
Best Local Similarity 54.4%; Pred. No. 5e-27;
Matches 329; Conservative 0; Mismatches 261; Indels 15; Gaps 4;
QY 17 AACCTCAAAGTACAGAGAAAGAGGCTGGTTGTCCC---TGAGACTCTGCTCTGTGGCTG 73
DB 128 AAACACAATGCACAGAGAGAGATGCTTCTTCCCAAATGTTCTTATGGACTGTTGCTG 187
QY 74 GGATTTCCATGTCCTCCTCAGTGTCTGCTTCATTTGAGTGTGTAGTAACCTTACCAATT 133
DB 188 GGAATCCCATCCTTATTTCTCAGTGCCTGTTTCATCCACAGATGTTGTGACATTTGCGA 247
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QY 494 ACCTAGTGAGCCCAATCA-----TTCGAGAGCAATGTGCTTCAATAGTCTTCTTGGGA 547
DB 602 ATGTAGGGGAGCCCAACACATAGTACCTCTGGAGGACTGTGCCCATGAGAGACTCTT 661
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Db 722 AATG 726
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OM nucleic - nucleic search, using sw model

Run on: March 28, 2006, 08:52:44 ; Search time 452.694 Seconds
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Searched: 9793542 seqs, 4134689005 residues

Total number of hits satisfying chosen parameters: 19587084

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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	627	100.0	3114	3	US-09-766-511B-51
3	625.4	99.7	1045	6	US-10-270-470-9
4	484.4	77.3	850	6	US-10-270-470-1
5	373.2	59.5	627	3	US-09-766-511B-72
6	373.2	59.5	630	6	US-10-270-470-3
7	373.2	59.5	1252	3	US-09-766-511B-71
8	344.8	55.0	821	3	US-09-766-511B-61
9	294.8	47.0	534	3	US-09-766-511B-62
10	275	43.9	817	6	US-10-212-198-12
11	273.4	43.6	642	5	US-10-090-466-1
12	270.2	43.1	858	6	US-10-212-198-3
13	269.4	43.0	827	6	US-10-220-946-19
14	265.6	42.4	800	6	US-10-220-946-21
15	249	39.7	826	6	US-10-212-198-2
16	231	36.8	549	5	US-10-090-466-3
17	228.6	36.5	627	8	US-10-492-100-17
18	201.2	32.1	444	7	US-10-398-779-14
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21	192	30.6	1091	5	US-10-125-540-199
22	192	30.6	1096	6	US-09-764-870-38
23	192	30.6	1096	5	US-10-125-540-38

ALIGNMENTS

RESULT 1
US-09-766-511B-52
; Sequence 52, Application US/09766511B
; Publication No. US20030170621A1
; GENERAL INFORMATION:
; APPLICANT: MCCARTHY, Sean A
; APPLICANT: FRASER, Christopher C
; APPLICANT: SHARP, John D
; APPLICANT: BARNES, Thomas S
; APPLICANT: KIRST, Susan J
; APPLICANT: MYERS, Paul S
; APPLICANT: WRIGHTON, Nicholas
; APPLICANT: GOODEARL, Andrew
; APPLICANT: HOLTMAN, Douglas A
; APPLICANT: KHODADOUST, Mehran M
; TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING PROGNOSTIC, DIAGNOSTIC, PREVENTIVE, THERAPEUTIC, AND OTHER USES
; FILE REFERENCE: 10147-65
; CURRENT APPLICATION NUMBER: US/09/766,511B
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: US 09/578,063
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: US 09/333,159
; PRIOR FILING DATE: 1999-06-14
; PRIOR APPLICATION NUMBER: US 09/596,194
; PRIOR FILING DATE: 2000-06-16
; PRIOR APPLICATION NUMBER: US 09/342,364
; PRIOR FILING DATE: 1999-06-29
; PRIOR APPLICATION NUMBER: US 09/608,452
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/393,996
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 09/345,680
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 52
; LENGTH: 627
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-766-511B-52

Query Match 100.0%; Score 627; DB 3; Length 627;
Best Local Similarity 100.0%; Pred. No. 1.2e-192;
Matches 627; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Sequence 1, Appli
Sequence 1, Appli
Sequence 235, App
Sequence 1616, Ap
Sequence 1616, Ap
Sequence 1248, Ap
Sequence 75, Appl
Sequence 4, Appl
Sequence 6, Appli
Sequence 883, App
Sequence 5, Appli
Sequence 1, Appli
Sequence 698, App
Sequence 7, Appli
Sequence 9, Appli
Sequence 5, Appli
Sequence 11, Appl
Sequence 1, Appli
Sequence 36731, A
Sequence 77, Appli

QY 1 ATGATCAAGAGCAGCAACCTCAAAGTACAGAGAAAGAGGCTGGTGTCCCTGAGACTC 60
Db 1 ATGATCAAGAGCAGCAACCTCAAAGTACAGAGAAAGAGGCTGGTGTCCCTGAGACTC 60
QY 61 TGGTCTGTGGCTGGGATTTCCATTGCACTCCTCAGTGCCTTGTCTCAATGTGAGCTGTGTA 120
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QY 121 GTAACCTACATTTTACATATGTGAAACTGGGCAAAAGGCTGTCTGAACCTACACTCATAT 180
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QY 361 GCAGAGCAGAAATTTCAATGTCAGAGCTGCAATGAGTCATTTCTTATTTCTGGGCTT 420
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QY 421 TCAGAGCCCAAGGTAATAATTTGGCAATGGAATGATAAGACACCTTATGAGAAAAAT 480
Db 421 TCAGAGCCCAAGGTAATAATTTGGCAATGGAATGATAAGACACCTTATGAGAAAAAT 480
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QY 541 TTCTGGAAACCTACAGGATGGGCTGGAATGATGTTATCTGTGAACCTAGAAGAAATCA 600
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QY 601 ATATGTGAGATGAATAGATTTACCTA 627
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RESULT 2
US-09-766-511B-51
; Sequence 51, Application US/09766511B
; Publication No. US20030170621A1
; GENERAL INFORMATION:
; APPLICANT: MCCARTHY, Sean A
; APPLICANT: FRASER, Christopher C
; APPLICANT: SHARP, John D
; APPLICANT: BARNES, Thomas S
; APPLICANT: KIRST, Susan J
; APPLICANT: MYERS, Paul S
; APPLICANT: WRIGHTON, Nicholas
; APPLICANT: GOODEARL, Andrew
; APPLICANT: HOLTZMAN, Douglas A
; APPLICANT: KHODADOUST, Mehran M
; TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING PROGNOSTIC, DIAGNOSTIC, PREVENTIVE, THERAPEUTIC, AND OTHER USES
; FILE REFERENCE: 10147-65
; CURRENT APPLICATION NUMBER: US/09/766,511B
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: US 09/578,063
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: US 09/333,159
; PRIOR FILING DATE: 1999-06-14
; PRIOR APPLICATION NUMBER: US 09/596,194
; PRIOR FILING DATE: 2000-06-16
; PRIOR APPLICATION NUMBER: US 09/342,364
; PRIOR FILING DATE: 1999-06-29

; PRIOR APPLICATION NUMBER: US 09/608,452
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/393,996
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 09/345,680
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 51
; LENGTH: 3114
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-766-511B-51

Query Match 100.0%; Score 627; DB 3; Length 3114;
Best Local Similarity 100.0%; Pred. No. 3e-192;
Matches 627; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGATGCAAGAGCAGCAACCTCAAAGTACAGAGAAAGAGGCTGGTGTCCCTGAGACTC 60
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QY 301 TCTAAGAGTGAAGCAACTGTGTTGAGATGGGAGCACATTTGGTGTGTTTCAACACAGAA 360
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Db 694 TTCTGGAAACCTACAGGATGGGCTGGAAATGATGTTATCTGTGAAACCTAGAAGAAATCA 753
QY 601 ATATGTGAGATGAATAGATTTACCTA 627
Db 754 ATATGTGAGATGAATAGATTTACCTA 780

RESULT 3
US-10-270-470-9
; Sequence 9, Application US/10270470
; Publication No. US20030162955A1
; GENERAL INFORMATION:
; APPLICANT: Chalus, Lionel
; APPLICANT: Quan, Ahn B.
; APPLICANT: Bates, Elizabeth Ester Mary
; APPLICANT: Gorman, Daniel M.
; APPLICANT: Saeland, Sem


```

; APPLICANT: Lebecque, Serge J. B.
; APPLICANT: Phillips, Joseph H.
; TITLE OF INVENTION: ISOLATED MAMMALIAN MEMBRANE PROTEIN GENES; RELATED REAGENTS
; FILE REFERENCE: DX0802QK
; CURRENT APPLICATION NUMBER: US/10/270,470
; CURRENT FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: US 05/270,368
; PRIOR FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: US 60/078,334
; PRIOR FILING DATE: 1998-03-17
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 1045
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (108)..(734)
; OTHER INFORMATION:
; US-10-270-470-9

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Query Match 99.7%; Score 625.4; DB 6; Length 1045;
Best Local Similarity 99.8%; Pred. No. 5.3e-192;
Matches 626; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Db <td>288 <th>CATTCAAGTCTCACTGCTTCACTGAGGGCAAAAGTGCCAGCCTGGGGATGTTGCCCA</th> <th>347</th> </td>	288 <th>CATTCAAGTCTCACTGCTTCACTGAGGGCAAAAGTGCCAGCCTGGGGATGTTGCCCA</th> <th>347</th>	CATTCAAGTCTCACTGCTTCACTGAGGGCAAAAGTGCCAGCCTGGGGATGTTGCCCA	347

QY	301	TCTAAGAGTGGACAGAACTGTGTGAGATGGGAGCACATTTGGTTGTCTTCAACACAGAA	360
Dh	408	TCTTAGCTGACGACGAACTGTCTGTGATTTGGGAGCAATTTGGTTGTCTTCAACACAGAA	467

[illegible]

QY 541 TTCTGGAAACCTACAGNATGGGCTGGNATGATGTTATCTGTCAAACTAGAGGAATCA 600

RESULT 4

RESULT 4
US-10-270-470-1

```

; Sequence 1, Application US/10270470
; Publication No. US20030162955A1
; GENERAL INFORMATION:
; APPLICANT: Chalus, Lionel
; APPLICANT: Quan, Ahn B.
; APPLICANT: Bates, Elizabeth Ester Mary
; APPLICANT: Gorman, Daniel M.
; APPLICANT: Saeland, Sem
; APPLICANT: Lebecque, Serge J.E.
; APPLICANT: Phillips, Joseph H.
; TITLE OF INVENTION: ISOLATED MAMMALIAN MEMBRANE PROTEIN GENES; RELATED REAGENTS
; FILE REFERENCE: DX0802OK
; CURRENT APPLICATION NUMBER: US/10/270,470
; CURRENT FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: US 09/270,368
; PRIOR FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: US 60/078,334
; PRIOR FILING DATE: 1998-03-17
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 850
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (108)..(593)
; OTHER INFORMATION:
; US-10-270-470-1

```

Query Match	77.3%	Score 484.4	DB 6	Length 850
Best Local Similarity	98.8%	Pred. No. 3.4e-146		
Matches 488	Conservative	0	Mismatches 6	Indels 0
				Gaps 0

Qy	61	TGGTCTGTGGCTGGGATTTCCATTGCACTCTCAGTGTCTGCTTCATTGTGAGCTGTGTA	120
Dβ	168	TGGTCTGTGGCTGGGATTTCCATTGCACTCTCAGTGTCTGCTTCATTGTGAGCTGTGTA	227

Qy	181	288	347
Dh	CATTCAAGTCTCACCTGCTTTCAGTGAAGGGCAAAAGTGCCAGCCTGGGGATGTTGCCCA	CATTCAAGTCTTACCTGCTTTCAGTGAAGGGCAAAAGTGCCAGCCTGGGGATGTTGCCCA	CATTCAAGTCTTACCTGCTTTCAGTGAAGGGCAAAAGTGCCAGCCTGGGGATGTTGCCCA

301	TCTAAGAGTGA	CAGCAAGCA	ATTTGGTTG	GTGTTCAACAC	AGAA	360
QY						
308	TCTTATGATG	CGGCGGCGG	CGGCGGCGG	CGGCGGCGG	CGGCGGCGG	467
QY						

421	TCAGACCCACAGGTAATAATAATTCGCAATCGATTGATTAACACACCTTATGAGAAAT	480
Qy		
422		
423		
424		
425		
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427		
428		
429		
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RESULT 5

RESULT 5
US-09-766-511B-72

```
; Sequence 72, Application US/09766511B
; Publication No. US20030170621A1
; GENERAL INFORMATION:
; APPLICANT: MCCARTHY, Sean A
; APPLICANT: FRASER, Christopher C
; APPLICANT: SHARP, John D
; APPLICANT: BARNES, Thomas S
; APPLICANT: KIRST, Susan J
; APPLICANT: MYERS, Paul S
; APPLICANT: WRIGHTON, Nicholas
; APPLICANT: GOODEARL, Andrew
; APPLICANT: HOLTZMAN, Douglas A
; APPLICANT: KHODADOUST, Mehran M
; TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING PROGNOSTIC, DIAGNOSTIC, PREVENTIVE, THERAPEUTIC, AND OTHER USES
; FILE REFERENCE: 10147-65
; CURRENT APPLICATION NUMBER: US/09/766,511B
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: US 09/578,063
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: US 09/333,159
; PRIOR FILING DATE: 1999-06-14
; PRIOR APPLICATION NUMBER: US 09/596,194
; PRIOR FILING DATE: 2000-06-16
; PRIOR APPLICATION NUMBER: US 09/342,364
; PRIOR FILING DATE: 1999-06-29
; PRIOR APPLICATION NUMBER: US 09/608,452
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/393,996
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 09/345,680
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 72
; LENGTH: 627
; TYPE: DNA
; ORGANISM: Mus sp.
; US-09-766-511B-72

Query Match          59.5%; Score 373.2; DB 3; Length 627;
Best Local Similarity 76.1%; Pred. No. 4.2e-110;
Matches 475; Conservative 0; Mismatches 143; Indels 6; Gaps 1;

QY 10 GAGCAGCAACCTCAAGATACAGAGAAAGAGGCTGTGTTGCTTCACTTGTGAGCTGTGTGTTTAC 69
DB 4 GTGCAGAAAGACAATCCCAAGGAGGAGTCTGTGGACCCCTGAGACTCTGTGTGAGCT 63
QY 70 GCTGGGATTTCCATTTGACCTCCTCAGTGTGTTGCTTCACTTGTGAGCTGTGTGTTTAC 129
DB 64 GCTGTGATTTCCATTTGACTTCTTGAGTACCTGTTTCACTTGTGAGCTGTGTGTTTAC 123
QY 130 CATTTTACATATGTTGAAAGCTGTCTGAACTACACTACATCATATCATTTCAAGT 189
DB 124 CAATTTATATGACCCAGCCAGTAGAAGACTATATGAACCTTACACATACCATTCAGT 183
QY 190 CTCACCTGCTTCAAGTGAAGGACAAAGGTGCCAG-----CCTGGGAGTGTGCCAGCT 243
DB 184 CTCACCTGCTTCAAGTGAAGGACTATGTGTGAGAAATAATGTGGGATGTGCCCAAT 243
QY 244 TCTTGAAGTCAATTTGGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGT 303
DB 364 GAGCAGAAATTCATTTCCAGAGCTGAATGAGTCAATTTCTTAATTTTGGGGCTTTTCA 423
DB 364 GAGCAGAAATTCATTCACCCAGCAGCTGAATGAGTCAATTTCTTAATTTTGGGGCTTTTTCG 423
QY 424 GACCCCAAGGTAATAATTTGGCAATGATTAAGACACCTTTATGAGAAAAATGTC 483

; Sequence 72, Application US/09766511B
; Publication No. US20030170621A1
; GENERAL INFORMATION:
; APPLICANT: MCCARTHY, Sean A
; APPLICANT: FRASER, Christopher C
; APPLICANT: SHARP, John D
; APPLICANT: BARNES, Thomas S
; APPLICANT: KIRST, Susan J
; APPLICANT: MYERS, Paul S
; APPLICANT: WRIGHTON, Nicholas
; APPLICANT: GOODEARL, Andrew
; APPLICANT: HOLTZMAN, Douglas A
; APPLICANT: KHODADOUST, Mehran M
; TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING PROGNOSTIC, DIAGNOSTIC, PREVENTIVE, THERAPEUTIC, AND OTHER USES
; FILE REFERENCE: 10147-65
; CURRENT APPLICATION NUMBER: US/09/766,511B
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: US 09/578,063
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: US 09/333,159
; PRIOR FILING DATE: 1999-06-14
; PRIOR APPLICATION NUMBER: US 09/596,194
; PRIOR FILING DATE: 2000-06-16
; PRIOR APPLICATION NUMBER: US 09/342,364
; PRIOR FILING DATE: 1999-06-29
; PRIOR APPLICATION NUMBER: US 09/608,452
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/393,996
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 09/345,680
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 72
; LENGTH: 627
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(627)
; OTHER INFORMATION:
; US-10-270-470-3

Query Match          59.5%; Score 373.2; DB 6; Length 630;
Best Local Similarity 76.1%; Pred. No. 4.3e-110;
Matches 475; Conservative 0; Mismatches 143; Indels 6; Gaps 1;

QY 10 GAGCAGCAACCTCAAGATACAGAGAAAGAGGCTGTGTTGCTTCACTTGTGAGCTGTGTGTTG 69
DB 4 GTGCAGAAAGACAATCCCAAGGAGGAGTCTGTGGACCCCTGAGACTCTGTGTGAGCT 63
QY 70 GCTGGGATTTCCATTTGACCTCCTCAGTGTGTTGCTTCACTTGTGAGCTGTGTGTTTAC 129
DB 64 GCTGTGATTTCCATTTGACTTCTTGAGTACCTGTTTCACTTGTGAGCTGTGTGTTTAC 123
QY 130 CATTTTACATATGTTGAAAGCTGTCTGAACTACACTACATCATATCATTTCAAGT 189
DB 124 CAATTTATATGACCCAGCCAGTAGAAGACTATATGAACCTTACACATACCATTCAGT 183
QY 190 CTCACCTGCTTCAAGTGAAGGACAAAGGTGCCAG-----CCTGGGAGTGTGCCAGCT 243
DB 184 CTCACCTGCTTCAAGTGAAGGACTATGTGTGAGAAATAATGTGGGATGTGCCCAAT 243
QY 244 TCTTGAAGTCAATTTGGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGT 303
DB 244 CACTGGAAGTCAATTTGGCTCCAGCTGCTACCTCATTTCTTACCAAGGAGAACTTCTTGAGC 303
QY 304 AAGAGTGAAGCAAGTGTGTTGAGATGGGAGCAATTTGGTGTGTTTCAACACAGAGCA 363
DB 304 ACCAGTGAAGCAAGTGTGTTGAGATGGGAGCAATTTGGTGTGTTTCAACACAGAGCA 363
QY 364 GAGCAGAAATTCATTTCCAGAGCTGAATGAGTCAATTTCTTAATTTTGGGGCTTTTCA 423
DB 364 GAGCAGAAATTCATTCACCCAGCAGCTGAATGAGTCAATTTCTTAATTTTGGGGCTTTTTCG 423
QY 424 GACCCCAAGGTAATAATTTGGCAATGATTAAGACACCTTTATGAGAAAAATGTC 483
```


; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 09/345,680
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 61
; LENGTH: 821
; TYPE: DNA
; ORGANISM: Mus sp.
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (788)..(788)
; OTHER INFORMATION: unsure
; US-09-766-511b-61

Query Match 55.0%; Score 344.8; DB 3; Length 821;
Best Local Similarity 75.6%; Pred. No. 8.6e-101;
Matches 468; Conservative 0; Mismatches 143; Indels 8; Gaps 3;

QY 10 GAGCAGCAACCTCAAAGTACAGAGAAAGAGGCTGGTTGCTCCCTGAGACTCTGGTCTGTG 69
Db 177 GTCGAGAAAGACAATCCCAAGGAGGAGTCTGCTGGACCCCTGAGACTCTGGTCTGAGCT 236

QY 70 GCTGGGATTTCCATTGCACTCCCTCAGTCTTCTTCAATCTGAGCTGTGTAGTAACCTTAC 129
Db 237 GCTGTGATTTCCATGTTACTCTTGAGTACCTGTTTCAATCGAGCTGTGTGGTGACTTAC 296

QY 130 CATTTTACATATGTTGAAATCGCAAAAGGCTGTCTGAATACACTCATATCAATCAAGT 189
Db 297 CAATTTATTATGACACGCCAGTAGAAGACTATATGAACCTTCACACATACCAATCCAGT 356

QY 190 CTCACCTGCTTCAGTGAAGGAGCAAAAGTGCACG-----CCTGGGATGTTGCCAGCT 243
Db 357 CTCACCTGCTTCAGTGAAGGAGCTATGTTGTCTCAGAAAAAATGTGGGATGCTGCCCAAAT 416

QY 244 TCTTGGAGTCATTTGGTTCAGTGTCTACTTCTCATTTCCAGTGAAGAGGTTTGTCT 303
Db 417 CACTGGAAGTCATTTGGCTCCAGTCTCCTCATTTCTACCAAGGAACCTCTTGAGC 476

QY 304 AAGAGTGAGCAGAACTGTGTTGAGATGGGAGCACATTTGGTTGTGTTCAACACAGAGCA 363
Db 477 ACCAGTGAGCAGAACTGTGTTGAGATGGGAGCTCATCTGGTGTGATCAATCTGAAGCG 536

QY 364 GAGCAGAAATTCATGTCAGAGCTGAATGAGTCATTTCTTATTTCTGGGGCTTTCA 423
Db 537 GAGCAGAAATTCATCACCCAGCAGCTGAATGAGTCACCTTTCTTACTTCTGGGTCTTTCG 596

QY 424 GACCCACAAGTAAATATGGAATGGAATGATGAAGACACCTTATGAGAAAAATGTC 483
Db 597 GATCC-CAAGGTAATGGCAATGGCAATGGATGATGATGATGATGATGATGATGATGATG 655

QY 484 AGATTTTGGCACCTAGTGTAGCCCAATCATTTCTGAGAGCAATGTGCTTCAATAGTCTTC 543
Db 656 AGGTTCTGGCACCCCATGAACCAATCTCCAGAGAGCGGTGTGTTTCAATAGTTTAC 715

QY 544 TGGAAACCTACAGATGGGGCT-GGAAATGATGTTATCTGTGAACACTGAGAGGAATTCAT 602
Db 716 TGGAAATCTTCGAAATGGGGCTGGGAATGATGTTTCTGTGATAGTAAACACAAATTCAT 775

QY 603 ATGTGAGATGAATGAAT 621
Db 776 ATGTGAAATGAANAAGATT 794

RESULT 9
US-09-766-511b-62
; Sequence 62, Application US/09766511B
; Publication No. US20030170621A1
; GENERAL INFORMATION:
; APPLICANT: MCCARTHY, Sean A
; APPLICANT: FRASER, Christopher C
; APPLICANT: SHARP, John D
; APPLICANT: BARNES, Thomas S

; APPLICANT: KIRST, Susan J
; APPLICANT: MYERS, Paul S
; APPLICANT: WRIGHTON, Nicholas
; APPLICANT: GOODEARL, Andrew
; APPLICANT: HOLTZMAN, Douglas A
; APPLICANT: KHODADOUST, Mehran M
; TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING PROGNOSTIC, DIAGNOSTIC, PREV
; TITLE OF INVENTION: THERAPEUTIC, AND OTHER USES
; FILE REFERENCE: 10147-65
; CURRENT APPLICATION NUMBER: US/09/766,511B
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: US 09/578,063
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: US 09/333,159
; PRIOR FILING DATE: 1999-06-14
; PRIOR APPLICATION NUMBER: US 09/596,194
; PRIOR FILING DATE: 2000-06-16
; PRIOR APPLICATION NUMBER: US 09/342,364
; PRIOR FILING DATE: 1999-06-29
; PRIOR APPLICATION NUMBER: US 09/608,452
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/393,996
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 09/345,680
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 62
; LENGTH: 534
; TYPE: DNA
; ORGANISM: Mus sp.
; US-09-766-511b-62

Query Match 47.0%; Score 294.8; DB 3; Length 534;
Best Local Similarity 74.8%; Pred. No. 1.2e-84;
Matches 398; Conservative 0; Mismatches 127; Indels 7; Gaps 2;

QY 10 GAGCAGCAACCTCAAAGTACAGAGAAAGAGGCTGGTTGCTCCCTGAGACTCTGGTCTGTG 69
Db 4 GTCGAGAAAGACAATCCCAAGGAGGAGTCTGCTGGACCTGAGACTCTGGTCTGAGCT 63

QY 70 GCTGGGATTTCCATTGCACTCTCAGTGTCTTCTTCAATTTGAGCTGTGTAGTAACCTTAC 129
Db 64 GCTGTGATTTCCATGTTACTCTTGTAGTACCTGTTTCAATTCGAGCTGTGTGGTGACTTAC 123

QY 130 CATTTTACATATGTTGAAACTGTGCAAAAGGCTGTCTGAACCTACACTCATATCATTTCAAGT 189
Db 124 CAATTTATTATGAGACCCAGCCAGTAGAAGACTATATGAACCTTCACACATACCAATCCAGT 183

QY 190 CTCACCTGCTTCAGTGAAGGAGCAAAAGTGCACG-----CCTGGGATGTTGCCAGCT 243
Db 184 CTCACCTGCTTCAGTGAAGGAGCTATGTTGTCAAGAAAAATGTGGGATGCTGCCCAAAT 243

QY 244 TCTTGGAAAGTCATTTGGTTCCAGTTGCTACTTCTTCAATTTCCAGTGAAGAGAGGTTTGGTCT 303
Db 244 CACTGGAAGTCATTTGGCTCCAGCTGCTACTTCTTACCAAGGAGAACTTCTGGAGC 303

QY 304 AAGAGTGAGCAGAACTGTGTTGAGATGGGAGCACATTTGGTGTGTGTTCAACACAGAGCA 363
Db 304 ACCAGTGAGCAGAACTGTGTTGAGATGGGGGCTCATCTGTGTGTGTATCAATACTGAAGCG 363

QY 364 GAGCAGAAATTCATTTGCTCCAGGAGCTGAATGAGTCATTTTCTTATTTCTTGGGGCTTTCA 423
Db 364 GAGCAGAAATTCATCACCCAGGAGCTGAATGAGTCACCTTCTTACTTCTTCTGGGTCTTTCG 423

QY 424 GACCCACAAGGTAATATAATTTGGCAATGGATTGATAAGACACCTTTATGAGAAAAATGTC 483
Db 424 GATCC-CAAGGTAATGGCAATGGCAATGGATGATGATGATGATGATGATGATGATGATG 482

QY 484 AGATTTTGGCACCTAGGTGAGCCCAATCATTTCTGAGAGCAATGTGCTTCA 535
Db 483 AGGTTCTGGCACCCCATGAACCAATCTTCCAGAGAGCGGCTGTGTTTCA 534

[illegible]

RESULT 12
 US-10-212-198-3
 ; Sequence 3, Application US/10212198
 ; Publication No. US20030138804A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Boyle, Bryan J
 ; APPLICANT: Ford, John E.
 ; APPLICANT: Mize, Nancy K.
 ; APPLICANT: Tang, Y. Tom
 ; APPLICANT: Liu, Chenghua
 ; APPLICANT: Drmanac, Radoje T.
 ; APPLICANT: Dickson, Mark C.
 ; APPLICANT: Arterburn, Matthew C.
 ; APPLICANT: Binnerts, Minke
 ; TITLE OF INVENTION: Methods and Materials Relating to No. US20030138804A1 C-type Le
 ; FILE REFERENCE: Polypeptides and Polynucleotides
 ; FILE REFERENCE: HVS-SCIP
 ; CURRENT APPLICATION NUMBER: US/10/212,198
 ; CURRENT FILING DATE: 2002-08-02
 ; PRIOR APPLICATION NUMBER: 09/545,283
 ; PRIOR FILING DATE: 2000-04-07
 ; PRIOR APPLICATION NUMBER: 09/496,914
 ; PRIOR FILING DATE: 2000-02-03
 ; NUMBER OF SEQ ID NOS: 16
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 3
 ; LENGTH: 858
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: (43)..(747)
 ; OTHER INFORMATION:
 ; US-10-212-198-3

Query Match	43.1%	Score 270.2;	DB 6;	Length 858;
Best Local Similarity	66.4%;	Pred. No. 1.6e-76;		
Matches 424:	Conservative	0;	Mismatches 203;	Indels 12;
				Gaps 2;

Qy	1	ATGATGCAAGAGCAGCAACCTCAAGTACAGAGAAAAGAGGCTGGTTGTCC---TGAGA	57
Db	43	ATGGTGCCTGAAGAAGAGCCTCAAGACCGAGAGAAAGGACTCTGGTGGTTCAGATTGAAG	102
Qy	58	CTCTGGTCTGTGGCTGGGATTCCAATTGCATCTCCTCAGTGCCTTCTTCAATTGTGAGCTGT	117
Db	103	GTCTGGTCCATGGCAGTGGTATCCATCTTGTCTCCTCAGTGTCTGTTTCACTGTGAGTTCT	162
Qy	118	GTAGTAAGCTTACCATTTTACATATGCTGGAACCTGGCAAAAGGCTGCTGGAACTA-----	171
Db	163	GTGGTGCCTCAAAATTTTATGTATAGCAAAACTGTCAAGAGGCTGTCCAGTTTACGAGAG	222
Qy	172	---CACTCATATCATTTCAAGTCTCACTGCTTTCAGTGAAGGAGCAAAAGTGCCAGCTGG	228
Db	223	TATCAACAGTATCATTTCAAGCCTGACCTTGGCTCATGGAAGAAAGGACATAGAAATTGG	282
Qy	229	GGATGTTGCCAGCTTCTTGGAAAGTCATTTGGTTCAGTTGCTACTTCAATTTCAGTGA	288
Db	283	AGCTGCTGCCCAACCCCTTGGACTTCATTTCACTAGTTGCTACTTTATTTCTACTGGG	342
Qy	289	GAGAAAGTTTGGTCTAAGAGTGAGCAGAACTGTGTTGTAGATCGGAGACAATTGTGTTGTG	348
Db	343	ATGCAATCTTGACCTAAGAGTCAAAAGAACTCTTCTGTGATCGGGGCTGATCTGGTGGT	402

349	Qy	TTCAACACAGAACGACGAGCAATTTTCATTTGTCACGACGCTGAATGAGTCATTTTCTTTAT	408
403	Db	ATCAACACCAACGGAAGAACAACGATTTTCATCATTTCAATACTGAAAAAATAATCTTCTTTAT	462
409	Qy	TTTCTGGGGCTTTTCAGACCCACAAAGGTAAATAAATTGGCAATGGAAATTGATAAGACACCT	468
463	Db	TTTCTGGGGCTGTCAATCCACCGGGTCGCGGACATTTGGCAATGGGTGGACCACACACCA	522
469	Qy	TATGAGAAAAATGTCAGATTTTGGCAACCTTAGTGGAGCCCAATCATTTCTGCAGAGCAATGT	528
523	Db	TACAATGAAAATGTCAATTTCTGGCACTCAGGTGAAACCCAAATACCTTGTATGAGCGTGT	582
529	Qy	GCCTTCAATAGTCTTCTCGAAAACTCACAGGATGGGCTGGAAATCATGTTATCTGTGAAACT	588
583	Db	GCGAATATAAATTTCCGCTCTTCACAGAATGGGCTGGAAATGACATTCCTGTCATGTA	642
589	Qy	AGAAGGAATTCAAATATGTGAGATGAATTAAGATTTAAGCTA	627
643	Db	CCTTCACAAGTCAATTTTGGAGATGAAGAAGATCTACATA	681

```

RESULT 13
US-10-220-946-19
; Sequence 19, Application US/10220946
; Publication No. US20030124575A1
; GENERAL INFORMATION:
; APPLICANT: No. US20030124575A1artis AG
; APPLICANT: Phares, William
; APPLICANT: Werner, Gudrun
; APPLICANT: Jaritz, Markus
; APPLICANT: Lapp, Hilmar
; APPLICANT: Kalthoff, Frank Stephan
; TITLE OF INVENTION: Organic Compounds
; FILE REFERENCE: 4-31347 PCT
; CURRENT APPLICATION NUMBER: US/10/220,946
; PRIOR FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 60/192,934
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/205,026 (US 60/279,243)
; PRIOR FILING DATE: 2000-05-18
; PRIOR APPLICATION NUMBER: US 60/205,020
; PRIOR FILING DATE: 2000-05-18
; PRIOR APPLICATION NUMBER: US 60/205,769
; PRIOR FILING DATE: 2000-05-19
; PRIOR APPLICATION NUMBER: US 60/205,767
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 827
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-220-946-19

```

	Query Match	43.08;	Score 269.4;	DB 6;	Length 827;
	Best Local Similarity	66.88;	Pred. No. 2.9e-76;		
	Matches 419;	Conservative	0;	Mismatches 196;	Indels 12; Gaps 2;
QY	13	CAGCAACCTCAAAAGTACAGAGAAAGAGGCTGGTGTGTCCTCC---TGAGACTCTCGTCTGTG	69		
Db	28	CAAGAGCCTCAAGACCGAGAGAAAGGACTCTGGTGGTTCAGATTGAAGGTCTGGTCCCATG	87		
QY	70	GCTGGGATTTCCATTGCACTCCCTCAGTGTCTTCAATTGTGAGCTGTGTAGTAACCTTAC	129		
Db	88	GCAGTCGTATCCATCTTGCTCTCTCAGTGTCTGTTTCACTGTGAGTCTGTGGTGCCTCAC	147		
QY	130	CATTTTACATATGGTGAACCTGGCAAAAGGCTGTCTGMACTA-----CACTCATAT	180		
Db	148	AAATTTATGTATAGCAAAACTGTCAAGAGGCTGTCCAAGTTTACGAGAGTATCAACAGTAT	207		
QY	181	CAITTCAGTCTCACCTGCTCTTCAGTGAAGGGCAAAAGGTGCCAGCTGGGATGTGGCCCA	240		

Db 208 CATCCAGCCTGACCTGGTCATGGAAGGAAGACATAGAGATTGGAGCTGCTGCCCA 267
Qy 241 GCTTCTTGGAGTCAATTTGGTTCAGTGTCTACTTCAATTTCCAGTGAAGAGAGTTTGG 300
Db 268 ACCCTTTGGACTTCAATTTCACTAGTGTCTACTTTATTTCTACTGGATGCAATCTTGG 327
Qy 301 TCTAAGAGTGAAGAGAGTGTGAGATGGAGACATTTGGTTGTTTCAACACAGAA 360
Db 328 ACTAAGAGTCAAAAGAGTGTCTGTATGGGGCTGATCTGGTGGTGAATCAACACAGG 387
Qy 361 GCAGAGCAGAAATTTCAATTTCCAGCAGCTGAATGAGTCAATTTCTTATTTTCTGGGCTT 420
Db 388 GAAGAACAGAGTTTCATCATTCAGATCTGAAAGAAATTTCTTATTTTCTGGGCTG 447
Qy 421 TCAGACCCACAGAGTAATAATTTGGCAATGGATTGATAAGACACCTTATGAGAAAAAT 480
Db 448 TCAGATCCAGGGGTCGGCGACATTTGCCAATGGTTGACCGACACCATCAATGAANAAT 507
Qy 481 GTGAGATTTGGACCTAGTGTAGCCCAATCAATTTCTGAGAGCAATGTCTCAATAGTC 540
Db 508 GTCAATTTGGCACTCAGGTGAACCAATAACCTTGTATGAGCGTTTGGCGATAAATAAT 567
Qy 541 TTCTGGAACCTACAGATGGGCTGGAATGATGTATCTGTGAACTAGAGGAATTTCA 600
Db 568 TTCCGTTCTTCAGAAAGATGGGCTGGAATGATGATTCATCTGATGATGATGATGAT 627
Qy 601 ATATGTGAGATGAATAAGATTACCTA 627
Db 628 ATTTGCAAGATGAAGAGATCTACATA 654

RESULT 14

US-10-220-946-21
; Sequence 21, Application US/10220946
; Publication No. US20030124575A1
; GENERAL INFORMATION:
; APPLICANT: No. US20030124575A1artis AG
; APPLICANT: No. US20030124575A1artis Erfindungen Verwaltungsgesellschaft m.b.H.
; APPLICANT: Phares, William
; APPLICANT: Werner, Gudrun
; APPLICANT: Jaritz, Markus
; APPLICANT: Lapp, Hilmar
; APPLICANT: Kalthoff, Frank Stephan
; TITLE OF INVENTION: Organic Compounds
; FILE REFERENCE: 4-31347 PCT
; CURRENT APPLICATION NUMBER: US/10/220,946
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 60/192,934
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/205,026 (US 60/279,243)
; PRIOR FILING DATE: 2000-05-18
; PRIOR APPLICATION NUMBER: US 60/205,020
; PRIOR FILING DATE: 2000-05-18
; PRIOR APPLICATION NUMBER: US 60/205,769
; PRIOR FILING DATE: 2000-05-19
; PRIOR APPLICATION NUMBER: US 60/205,767
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 800
; TYPE: DNA
; ORGANISM: Homo Sapiens

Query Match 42.4%; Score 265.6; DB 6; Length 800;
Best Local Similarity 66.8%; Pred. No. 4.9e-75;
Matches 398; Conservative 0; Mismatches 189; Indels 9; Gaps 1;

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Db 36 GGTGGTCCAGTGAAGGTCTGTGTCATGGCAGTGTGATCCATCTTGTCTCAGTGTCT 95

Qy 101 GCTTCAATTTGTAGTGTAGTAACCTTACATTTTACATATGTGTAACCTGGCAAAAGGC 160
Db 96 GTTTCATCTGTAGTGTCTGTGTCCTCACAATTTTATGTATAGCAAACTGTCAAGAGGC 155
Qy 161 TGTCTGAACCTA-----CACTCATATCATTTCAAGTCTCACCTGCTTCAGTGAAGGGA 211
Db 156 TGTCCAAGTTTACAGAGATATCAACAGTATCATCCAAGCCTGACCTGGTCTATGGAAGAA 215
Qy 212 CAAAGGTGCCAGCTGGGATGTTGCCAGCTTCTTTGGAAGTCAATTTGGTTTCAGATTGCT 271
Db 216 AGGACATAGAAGATTGGAGCTGCTGCCCAACCCCTTGGACTTCATTTCACTAGTTGCT 275
Qy 272 ACTTCAATTTCCAGTGAAGAGAGTTTGGTCTAAGAGTGAAGAGAACTGTGTGAGATGG 331
Db 276 ACTTTATTTCTACTGGGATGCAATCTTGGACTAAGAGTCAAAAGAACTGTGTGTATGG 335
Qy 332 GACACATTTGGTGTGTTTCAACACAGNAGCAGAGCAATTTTCATTTGTTCCACAGCTGA 391
Db 336 GGGCTGATCTGGTGGTGAATCAACACAGGGAAGAACAGGATTTTCATTCATTCAGAACTGA 395
Qy 392 ATGAGTCAATTTCTTATTTTCTGGGCTTTCCAGCCCAACAAAGTAAATAATTGGCAAT 451
Db 396 AAGAAATTTCTTATTTTCTGGGCTGTCCAGATCCAGGGGTCGGCGACATTTGGCAAT 455
Qy 452 GGATTTGAAGACACCTTATGAGAAAAATGTCTAGATTTTGGACCTAGTGTGAGCCCAATC 511
Db 456 GGGTTGACACAGACCATCAATCAATGAAATGTCACTTTCTGGCACTCAGGTGAACCCCAATA 515
Qy 512 ATTTCTGACAGCAATGTCTTCAATAGTCTTCTGGAACCTACAGATGGGGTGGATG 571
Db 516 ACCTTGATGAGCGTTGTGGATAAATAATTTCCGTTCTTCAGAAAGATGGGGTGGATG 575
Qy 572 ATGTTATCTGTGAAACTAGAGGAATTTCAATATGTGAGATGAATAAGATTTACCTA 627
Db 576 ACATTCATCTGTCATGTACCTCAGACTCAATTTGCAAGATGAAGAGATCTACATA 631

RESULT 15

US-10-212-198-2
; Sequence 2, Application US/10212198
; Publication No. US20030138804A1
; GENERAL INFORMATION:
; APPLICANT: Boyle, Bryan J
; APPLICANT: Ford, John E.
; APPLICANT: Mize, Nancy K.
; APPLICANT: Tang, Y. Tom
; APPLICANT: Liu, Chonghua
; APPLICANT: Drmanac, Radoje T.
; APPLICANT: Dickson, Mark C.
; APPLICANT: Arterburn, Matthew C.
; APPLICANT: Binnerts, Minko
; TITLE OF INVENTION: Methods and Materials Relating to No. US20030138804A1el C-type 1
; FILE REFERENCE: HYS-5CIP
; CURRENT APPLICATION NUMBER: US/10/212,198
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 09/545,283
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: 09/496,914
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 826
; TYPE: DNA
; ORGANISM: Homo sapiens

Query Match 39.7%; Score 249; DB 6; Length 826;
Best Local Similarity 65.2%; Pred. No. 1.3e-69;
Matches 427; Conservative 0; Mismatches 200; Indels 28; Gaps 3;

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71 GTCGTGCTCCATGCGAGTCGTATCCATCTTCTCCTCAGTGTCTGTTTCACTGTGAGTTCT 130
Qy ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| 171
118 GTAGTAACCTTACCATTTTACATATGTTGTAACCTGGCAAAAGGCTGTCTGAACTA----- 171
Db ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| 190
131 GTGGTGCTCACAAATTTTATGTATAGCAAAACTGTCAAGAGGCTGTCCAAGTTACGAGAG 190
Qy ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| 228
172 ---CACTCATATCATTTCAAGTCTCACCTGCTTCAGTGAAGGGACAAAGGTGCCAGCTGG 228
Db ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| 250
191 TATCAACAGTATCATTCACCCCTGACCTGCGTCTATGGAAGAAAGGACATAGAGATTGG 250
Qy ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| 288
229 GGATGTTGCCAGCTTCTTGGAAAGTCAATTTGGTTCCAGTTGCTACTTCAATTTCCAGTGAA 288
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251 AGCTGTGCTGCCAACCCCTTGGACTTTCATTTTCAGTCTAGTTGCTACTTTATTTCTACTGGG 310
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289 GAGAAGGTTTGGTCTAAGAGTGAGCAGAACTGTGTGAGATGGGAGCACAATTTGGTTGTG 348
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311 ATGCAATCTTTGGACTAAGAGTCAAAAGAACTGTTCTGTGATGGGGGCTGATCTGGTGGTG 370
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349 TTCAACACAGAAGCAGAGCAGAAATTTTCATTTGCCAGCTGAATGAGTCAATTTCTTAT 408
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371 ATCAACACAGGGAAGAACAGGATTTTCATTTTCAGATCTGAAAGAAATTTCTTCTAT 430
Qy ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| 468
409 TTTCTGGGGCTTTCAGACCCACAAAGGTAATAATTTGGCAATGGATTTGATAAGACACCT 468
Db ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| 490
431 TTTCTGGGGCTGTCAAGTCCAGGGGTCCGGGACATTTGGCAATGGGTTGACCAAGACACCA 490
Qy ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| 512
469 TATGAGAAAATGTCT-----AGATTTGGCACCTAGGTGAGGCCCAATCA 512
Db ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| 550
491 TACAATGAAAATGTCACTGAGTATAGATGAGATTTCTGGCACTCAGGTGAACCCCAATAA 550
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513 TTCTGCAGAGCAATGTCTTCAATAGTCTTCTGGAACCTACAGGATGGGGCTGGGAATGA 572
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551 CCTTGATGAGCGTTGTGCGATATATAATTTCCGTTCTTCAAGAGATGGGGCTGGGAATGA 610
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573 TGTATCTGTGAACCTAGAAGGAATTCAAATATGTGAGATGAATTAAGATTTACCTA 627
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611 CATTCACTGTCTGTACCTCAGAAGTCAATTTGCAAGATGAAGAAGATCTACATA 665

Search completed: March 28, 2006, 09:56:20
Job time : 454.694 secs

GenCore version 5.1.7
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OM nucleic - nucleic search, using sw model

Run on: March 28, 2006, 08:52:44 ; Search time 2248.31 Seconds
(without alignments)
11453.441 Million cell updates/sec

Title: US-09-766-511B-51
Perfect score: 3114
Sequence: 1 cttaatgttggaagtctctt.....tttaaaaaaaaaaaaaaa 3114

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 9793542 seqs, 4134689005 residues

Total number of hits satisfying chosen parameters: 19587084

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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2: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*
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10: /cgn2_6/ptodata/1/pubpna/US11_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	DB ID	Description
1	3114	100.0	3114	3	US-09-766-511B-51
2	1043.4	33.5	1045	6	US-10-270-470-9
3	627	20.1	627	3	US-09-766-511B-52
4	591.4	19.0	850	6	US-10-270-470-1
5	379.2	12.2	1252	3	US-09-766-511B-71
6	376.2	12.1	630	6	US-10-270-470-3
7	373.2	12.0	627	3	US-09-766-511B-72
8	365.2	11.7	3925	8	US-10-723-860-4598
9	364.6	11.7	3748	3	US-09-925-301-80
10	356.2	11.4	2209	6	US-10-108-260A-2220
11	356.2	11.4	3647	6	US-10-172-118-1260
12	356.2	11.4	3647	7	US-10-342-887-1260
13	356.2	11.4	3647	9	US-10-848-755A-148
14	356.2	11.4	3647	9	US-10-756-149-1
15	352.4	11.3	526	5	US-10-060-036-1924
16	349	11.2	83405	9	US-10-723-518-1
17	345.8	11.1	821	3	US-09-766-511B-61
18	331	10.6	2419	3	US-09-814-353-20506
19	315.4	10.1	520	5	US-10-060-036-2406
20	294.8	9.5	534	3	US-09-766-511B-62
21	286.4	9.2	409	7	US-10-242-535A-7181
22	286.4	9.2	409	7	US-10-085-783A-7181
23	281	9.0	817	6	US-10-212-198-12

24	275	8.8	858	6	US-10-212-198-3	Sequence 3, Appli
25	274.8	8.8	642	5	US-10-090-466-1	Sequence 1, Appli
26	272.8	8.8	827	6	US-10-220-946-19	Sequence 19, Appli
27	269	8.6	800	6	US-10-220-946-21	Sequence 21, Appli
28	268.4	8.6	395	3	US-09-918-995-4600	Sequence 4600, Ap
29	259	8.3	432	3	US-09-918-995-4015	Sequence 4015, Ap
30	255	8.2	826	6	US-10-212-198-2	Sequence 2, Appli
31	239	7.7	336	7	US-10-242-535A-12140	Sequence 12140, A
32	239	7.7	336	7	US-10-085-783A-12140	Sequence 12140, A
33	239	7.7	351	7	US-10-242-535A-12281	Sequence 12281, A
34	239	7.7	351	7	US-10-085-783A-12281	Sequence 12281, A
35	232.4	7.5	549	5	US-10-090-466-3	Sequence 3, Appli
36	231.6	7.4	627	8	US-10-492-100-17	Sequence 17, Appli
37	220.6	7.1	326	7	US-10-242-535A-40420	Sequence 40420, A
38	220.6	7.1	326	7	US-10-085-783A-40420	Sequence 40420, A
39	201.2	6.5	444	7	US-10-398-779-14	Sequence 14, Appli
40	200.4	6.4	402	7	US-10-398-779-1	Sequence 1, Appli
41	197	6.3	1091	3	US-09-764-870-199	Sequence 199, App
42	197	6.3	1091	5	US-10-125-540-199	Sequence 199, App
43	197	6.3	1096	3	US-09-764-870-38	Sequence 38, Appli
44	197	6.3	1096	5	US-10-125-540-38	Sequence 38, Appli
45	197	6.3	1104	3	US-09-862-802-1	Sequence 1, Appli

ALIGNMENTS

RESULT 1
US-09-766-511B-51
; Sequence 51, Application US/09766511B
; Publication No. US20030170621A1
; GENERAL INFORMATION:
; APPLICANT: MCCARTHY, Sean A
; APPLICANT: FRASER, Christopher C
; APPLICANT: SHARE, John D
; APPLICANT: BARNES, Thomas S
; APPLICANT: KIRST, Susan J
; APPLICANT: MYERS, Paul S
; APPLICANT: WRIGHTON, Nicholas
; APPLICANT: GOODEARL, Andrew
; APPLICANT: HOLTZMAN, Douglas A
; APPLICANT: RHODADOUST, Mehran M
; TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING PROGNOSTIC, DIAGNOSTIC, PRE
; FILE OF INVENTION: THERAPEUTIC, AND OTHER USES
; FILE REFERENCE: 10147-65
; CURRENT APPLICATION NUMBER: US/09/766,511B
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: US 09/578,063
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: US 09/333,159
; PRIOR FILING DATE: 1999-06-14
; PRIOR APPLICATION NUMBER: US 09/596,194
; PRIOR FILING DATE: 2000-06-16
; PRIOR APPLICATION NUMBER: US 09/342,364
; PRIOR FILING DATE: 1999-06-29
; PRIOR APPLICATION NUMBER: US 09/608,452
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/393,996
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 09/345,680
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 51
; LENGTH: 3114
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-766-511B-51

Query Match 100.0%; Score 3114; DB 3; Length 3114;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3114; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 CTTAATGTTGGAAGTCTCTTAGTCCCTATGAGAGTGTTAGCAGTGTTCCTCCCTGAGCTCTA 60
QY 61 GCTTCTTTAAATGAAGCTGAGTCTCTGGGCAACATCTTTAGGGAGAGAGGTACAAAGGT 120
DB 61 GCTTCTTTAAATGAAGCTGAGTCTCTGGGCAACATCTTTAGGGAGAGAGGTACAAAGGT 120
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DB 121 TCTCGACCTTCTCAACACAGGAGGCTGCATATGATGCAAGAGCAGCAACCTCAAAGT 180
QY 181 ACAGAGAAAGAGGCTGTTGTCCTCGAGACTCTGGTCTGTGGCTGGATTTCCATTGCA 240
DB 181 ACAGAGAAAGAGGCTGTTGTCCTCGAGACTCTGGTCTGTGGCTGGATTTCCATTGCA 240
QY 241 CTCCTCAGTCTTGCCTTCATTTGAGCTGTGTAGTAACTTACCATTTTACATATGGTGA 300
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DB 301 ACTGGCAAAAGGCTGTCTGAACCTACACTATATCATTTCAAAGTCTCACCTGCTTCAGTGAA 360
QY 361 GGGACAAAGGTCAGCCTGGGATGTTGCCAGCTTCTTGGAAAGTCATTTGGTTCACGT 420
DB 361 GGGACAAAGGTCAGCCTGGGATGTTGCCAGCTTCTTGGAAAGTCATTTGGTTCACGT 420
QY 421 TGTCTACTTCAATTTCCAGTGAAGAGAGGTTTGGTCTAAGAGTGAGCAGAACTGTGTTGAG 480
DB 421 TGTCTACTTCAATTTCCAGTGAAGAGAGGTTTGGTCTAAGAGTGAGCAGAACTGTGTTGAG 480
QY 481 ATGGGAGCACAATTTGGTGTGTTCAACACAGAGCAGAGCAGAAATTTCAATGTCACGAG 540
DB 481 ATGGGAGCACAATTTGGTGTGTTCAACACAGAGCAGAGCAGAAATTTCAATGTCACGAG 540
QY 541 CTGAATGAGTCATTTCTTATTTCTGGGGCTTTCAGACCCACAAGGTAATAATAATGG 600
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QY 721 AATGATGTTATCTGAAACTAGAGGAATTCATATGTCAGATGAATAAGATTTACCTA 780
DB 721 AATGATGTTATCTGAAACTAGAGGAATTCATATGTCAGATGAATAAGATTTACCTA 780
QY 781 TGAGTAGAAGCTTAATTTGGAAGAAGAGAAATTTACTGACGTAATTTTTCCTCTGACGT 840
DB 781 TGAGTAGAAGCTTAATTTGGAAGAAGAGAAATTTACTGACGTAATTTTTCCTCTGACGT 840
QY 841 CTTTAAATTTGAACCCCTATCATGAATGATAATTTCTTCTCGAATTTTACATAATCCTT 900
DB 841 CTTTAAATTTGAACCCCTATCATGAATGATAATTTCTTCTCGAATTTTACATAATCCTT 900
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QY 1021 GTTATTCAATTTTCTTCTTCACTTCACTTCAATAACAATAATTTATGTTTTCAGAGACT 1080
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QY 1081 GTACTATTTTCTTGTGTAAGATTTTATAAGGCAGTATCTTTTGAAAAATTTAGCTTTCC 1140

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DB 1261 AACTTGGTGTGGCTATTAATGTAACCTGGAAATAAAATTTTATCTGCAAGTTAGGATTT 1320
QY 1321 GGCATTTTATATATGTTGATTCATCAAGTTTGGCAGCAGGGTGTTCATATCTGTATA 1380
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QY 1381 TCTCTGATTTCTGTTTATTTGTTTATTTCTGAGAAATATGTTTAAAGATCTCTCGCTG 1440
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QY 1801 TTCTTTTCCATTTGCACTGAAAAATACCATAATATAAAGAAAGAAATCCCATCATCCAAATTTGA 1860
DB 1801 TTCTTTTCCATTTGCACTGAAAAATACCATAATATAAAGAAAGAAATCCCATCATCCAAATTTGA 1860
QY 1861 GCCTATATTTGATGATPACTCAGAGAAATCTGGCAGTAGAGCCCTATAAAGGATTAAGCAA 1920
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QY 2041 GAAATTTGGCACAACAAATTTTAAATTAATTTAGCAAAATTTTGGATATTAAGGCTTCT 2100
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Db 2281 TTAGTGTCTGTAATAATTTTTTTTCCATCTCTATTTTGTGACCAATTTTATTCACATGTG 2340
Qy 2341 CTCTTAATAGTACATATAGTAAATTTTAAATAATCCAAATATGCGCAATCACTTTTAG 2400
Db 2341 CTCTTAATAGTACATATAGTAAATTTTAAATAATCCAAATATGCGCAATCACTTTTAG 2400
Qy 2401 GTTAAAAATTTAATCCATTTACATTTTGTGACATTCGACATATATATGTTCTAAATCTA 2460
Db 2401 GTTAAAAATTTAATCCATTTACATTTTGTGACATTCGACATATATATGTTCTAAATCTA 2460
Qy 2461 TCATCTTACAGTGTGTTCCATTTCTCTGCTCCAAATATTTTTTTTACAGCTTATAA 2520
Db 2461 TCATCTTACAGTGTGTTCCATTTCTCTGCTCCAAATATTTTTTTTACAGCTTATAA 2520
Qy 2521 CAGCACTTTTATAGAAAAGTTATACATACAGCATCAACTATTTTCAAGAACCCCAAT 2580
Db 2521 CAGCACTTTTATAGAAAAGTTATACATACAGCATCAACTATTTTCAAGAACCCCAAT 2580
Qy 2581 AAGCAACAAAACCCAGACTAAACAAATGTGTAAACAGAAACTAATGACCTTTCTTAAATC 2640
Db 2581 AAGCAACAAAACCCAGACTAAACAAATGTGTAAACAGAAACTAATGACCTTTCTTAAATC 2640
Qy 2641 AAACATTTCAATTTACTCAATGTCTATTTTAAACAGAGGAAACTCCATGGTTTACAGGC 2700
Db 2641 AAACATTTCAATTTACTCAATGTCTATTTTAAACAGAGGAAACTCCATGGTTTACAGGC 2700
Qy 2701 ATGTCATATTTGAAAATTAAGCTGCAATAGCTTTTATACAAATTTATGCTCTCAAGAAAT 2760
Db 2701 ATGTCATATTTGAAAATTAAGCTGCAATAGCTTTTATACAAATTTATGCTCTCAAGAAAT 2760
Qy 2761 GAATCATTAAGACAGTAATTTAGAGTTTCAAAAATTTTAAACATTTTCAAGTAATTTTAAAT 2820
Db 2761 GAATCATTAAGACAGTAATTTAGAGTTTCAAAAATTTTAAACATTTTCAAGTAATTTTAAAT 2820
Qy 2821 TATTGTCTTCAATAATTTTAAATTTATTTGAAGTCTGAGTTTCAAAAGTGATTTTTCCTCAC 2880
Db 2821 TATTGTCTTCAATAATTTTAAATTTATTTGAAGTCTGAGTTTCAAAAGTGATTTTTCCTCAC 2880
Qy 2881 AAAGTGCCCAACACTTAAGCTAGAGCTTTTCAGTGTGTTAACTTTGCGCTTAAAGTTAAGACA 2940
Db 2881 AAAGTGCCCAACACTTAAGCTAGAGCTTTTCAGTGTGTTAACTTTGCGCTTAAAGTTAAGACA 2940
Qy 2941 TATTCTGAGAAATCATATAGTCACATGATTTCTGATGCTATCTGCTGTTAATAACAAA 3000
Db 2941 TATTCTGAGAAATCATATAGTCACATGATTTCTGATGCTATCTGCTGTTAATAACAAA 3000
Qy 3001 GATTTTCAACATGAATACCTATGTGTAACAAATCTCCATGTTTCAACATATACCCAGAAC 3060
Db 3001 GATTTTCAACATGAATACCTATGTAAACAAATCTCCATGTTTCAACATATACCCAGAAC 3060
Qy 3061 TTAAGTATTAATTAATAAATGAAAGCTTTTAAATAAATAAATAAATAAATAAATAAATAAATAA 3114
Db 3061 TTAAGTATTAATTAATAAATGAAAGCTTTTAAATAAATAAATAAATAAATAAATAAATAAATAA 3114

RESULT 2

US-10-270-470-9
; Sequence 9, Application US/10270470
; Publication No. US20030162955A1
; GENERAL INFORMATION:
; APPLICANT: Chalus, Lionel
; APPLICANT: Qian, Ahn B.
; APPLICANT: Bates, Elizabeth Ester Mary
; APPLICANT: Gorman, Daniel M.
; APPLICANT: Saeland, Sem

; APPLICANT: Lebecque, Serge J.E.
; APPLICANT: Phillips, Joseph H.
; TITLE OF INVENTION: ISOLATED MAMMALIAN MEMBRANE PROTEIN GENES; RELATED REAGENTS
; FILE REFERENCE: DX08020K
; CURRENT APPLICATION NUMBER: US/10/270,470
; CURRENT FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: US 09/270,368
; PRIOR FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: US 60/078,334
; PRIOR FILING DATE: 1998-03-17
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 9
; LENGTH: 1045
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (108)..(734)
; OTHER INFORMATION:
US-10-270-470-9

Query Match 33.5%; Score 1043.4; DB 6; Length 1045;

Best Local Similarity 99.9%; Pred. No. 2.6e-196;
Matches 1044; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 47 GTCCCTGAGCTCTAGCTTCTTTAAATGAAGCTGAGTCTCTGGGCAACATCTTTTAGGGAGA 106

Db 1 GTCCCTGAGCTCTAGCTTCTTTAAATGAAGCTGAGTCTCTGGGCAACATCTTTTAGGGAGA 60

Qy 107 GAGGTACAAAAGGTTCTCGACCTTCTCAACACAGGAGCCTGTCATAATGATGCAAGAGC 166

Db 61 GAGGTACAAAAGGTTCTCGACCTTCTCAACACAGGAGCCTGTCATAATGATGCAAGAGC 120

Qy 167 AGCAACCTCAAAGTACAGAGAAAAGGCTGGTTGTCCTCGAGACTCTGGTCTGTGGCTG 226

Db 121 AGCAACCTCAAAGTACAGAGAAAAGGCTGGTTGTCCTCGAGACTCTGGTCTGTGGCTG 180

Qy 227 GGATTTCCATTCGACCTCCCTCAGTGTCTTCAATGTGAGCTGTGTAGTAACTTACCAT 286

Db 181 GGATTTCCATTCGACCTCCCTCAGTGTCTTCAATGTGAGCTGTGTAGTAACTTACCAT 240

Qy 287 TTACATATCGTGAACCTGGCAAAAGGCTGTCTGAACTACATCATATCAATCAAGTCTCA 346

Db 241 TTACATATCGTGAACCTGGCAAAAGGCTGTCTGAACTACATCATATCAATCAAGTCTCA 300

Qy 347 CCTGCTTCAGTGAAGGACAAAGGTCAGCTGGGATGTTGCCAGCTTCTTGAAGT 406

Db 301 CCTGCTTCAGTGAAGGACAAAGGTCAGCTGGGATGTTGCCAGCTTCTTGAAGT 360

Qy 407 CATTTGGTTCCAGTTGCTACTTTCATTTCCAGTGAAGAGAGGTTTGGTCTTAAGAGTGAGC 466

Db 361 CATTTGGTTCCAGTTGCTACTTTCATTTCCAGTGAAGAGAGGTTTGGTCTTAAGAGTGAGC 420

Qy 467 AGAATCTGTGTTGAGATGGGAGCACATTTGGTTGTGTTTCAACACAGAGCAGACAGAAAT 526

Db 421 AGAATCTGTGTTGAGATGGGAGCACATTTGGTTGTGTTTCAACACAGAGCAGACAGAAAT 480

Qy 527 TCATTTGTCAGAGCTGAATGATGATTTTCTTATTTTCTGGGCTTTTTCAGAGCCCAAG 586

Db 481 TCATTTGTCAGAGCTGAATGATGATTTTCTTATTTTCTGGGCTTTTTCAGAGCCCAAG 540

Qy 587 GTAAATAAATTTGGCAATGATTAAGACACCTTTATGAGAAAATGTCAGATTTTGGC 646

Db 541 GTAAATAAATTTGGCAATGATTAAGACACCTTTATGAGAAAATGTCAGATTTTGGC 600

Qy 647 ACCTAGGTGAGCCCAATCAATCTTGCAGAGCAATGTGCTTCAATAGTCTTCTGGAACCTTA 706

Db 601 ACCTAGGTGAGCCCAATCAATCTTGCAGAGCAATGTGCTTCAATAGTCTTCTGGAACCTTA 660

Qy 707 CAGGATGGGCTGGAAATGATGATTTATCTGTGAAACTAGAGGAATTCATATGTGAGATGA 766

Db 661 CAGGATGGGCTGGAAATGATGATTTATCTGTGAAACTAGAGGAATTCATATGTGAGATGA 720

```
QY 767 ATAGATTTTACCTATGAGTAGAGCTTAATTGGAAGAGAGAGAGAACTTACTGACCTAAT 826
Db 721 ATAAAAATTTTACCTATGAGTAGAGCTTAATTGGAAGAGAGAGAGAACTTACTGACCTAAT 780
QY 827 TTTTTCCTGACGCTTTTAAATTTGAACCTATCATGAATGATAATTTCTTCTGAAAT 886
Db 781 TTTTTCCTGACGCTTTTAAATTTGAACCTATCATGAATGATAATTTCTTCTGAAAT 840
QY 887 TACACATAATCCCTTATGTTATAGAGGTTACAGAAATGGAAGATACCTGTTTCCCTTTA 946
Db 841 TACACATAATCCCTTATGTTATAGAGGTTACAGAAATGGAAGATACCTGTTTCCCTTTA 900
QY 947 ATCAATCTTCTGCTTCTCTTTCATTAATGATAGAAATGCACCTTCTCTCTTTGTT 1006
Db 901 ATCAATCTTCTGCTTCTCTTTCATTAATGATAGAAATGCACCTTCTCTCTTTGTT 960
QY 1007 CCATCTTTTCACTTGTATTCAATTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 1066
Db 961 CCATCTTTTCACTTGTATTCAATTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 1020
QY 1067 TTGTTTCAGAGACTGACTACTTTTG 1091
Db 1021 TTGTTTCAGAGACTGACTACTTTTG 1045

RESULT 3
US-09-766-511b-52
; Sequence 52, Application US/09766511B
; Publication No. US20030170621A1
; GENERAL INFORMATION:
; APPLICANT: MCCARTHY, Sean A
; APPLICANT: FRASER, Christopher C
; APPLICANT: SHARP, John D
; APPLICANT: BARNES, Thomas S
; APPLICANT: KIRST, Susan J
; APPLICANT: MYERS, Paul S
; APPLICANT: WRIGHTON, Nicholas
; APPLICANT: GOODEARL, Andrew
; APPLICANT: HOLTZMAN, Douglas A
; APPLICANT: KHODADOUST, Mehran M
; TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING PROGNOSTIC, DIAGNOSTIC, PREV
; FILE REFERENCE: 10147-65
; CURRENT APPLICATION NUMBER: US/09/766,511B
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: US 09/578,063
; PRIOR FILING DATE: 2000-05-24
; CURRENT APPLICATION NUMBER: US 09/333,159
; PRIOR FILING DATE: 1999-06-14
; CURRENT APPLICATION NUMBER: US 09/596,194
; PRIOR FILING DATE: 2000-06-16
; CURRENT APPLICATION NUMBER: US 09/342,364
; PRIOR FILING DATE: 1999-06-29
; CURRENT APPLICATION NUMBER: US 09/608,452
; PRIOR FILING DATE: 2000-06-30
; CURRENT APPLICATION NUMBER: US 09/393,996
; PRIOR FILING DATE: 1999-09-10
; CURRENT APPLICATION NUMBER: US 09/345,680
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 52
; LENGTH: 627
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-766-511b-52

Query Match 20.1%; Score 627; DB 3; Length 627;
Best Local Similarity 100.0%; Pred. No. 6.2e-114;
Matches 627; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 154 ATGATGCAAGCAGCAACCTCAAAGTACAGAGAAAAGAGGCTGTTGTCTCCTGAGACTC 213
```

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Db 1 ATGATGCAAGCAGCAACCTCAAAGTACAGAGAAAAGAGGCTGTTGTCTCCTGAGACTC 60
QY 214 TGGTCTGTGGCTGGGATTTCCATTTGCACTCTCCTCAGTGTCTTCTTCAATGTGAGCTGTGTA 273
Db 61 TGGTCTGTGGCTGGGATTTCCATTTGCACTCTCCTCAGTGTCTTCTTCAATGTGAGCTGTGTA 120
QY 274 GTAACCTTACCAATTTTACATATGTTGAACTGCAAAAGGCTCTCTGAACTACACTCATAT 333
Db 121 GTAACCTTACCAATTTTACATATGTTGAACTGCAAAAGGCTCTCTGAACTACACTCATAT 180
QY 334 CATTTCAAGTCTCACCTGCTTTCAGTGAAGGGAACAAAGGTCAGCCCTGGGGATTTGCCCA 393
Db 181 CATTTCAAGTCTCACCTGCTTTCAGTGAAGGGAACAAAGGTCAGCCCTGGGGATTTGCCCA 240
QY 394 GCTTCTTGAAGTCAATTTGGTTCCAGTTCCAGTTCCAGTTCCAGTTCCAGTTCCAGTTCCAG 453
Db 241 GCTTCTTGAAGTCAATTTGGTTCCAGTTCCAGTTCCAGTTCCAGTTCCAGTTCCAGTTCCAG 300
QY 454 TCTAGAGTGAGCAGCAACCTGTTGAGATGGGAGCACAATTTGGTTGTTGTTCAACACAGAA 513
Db 301 TCTAAGAGTGAGCAGCAACCTGTTGAGATGGGAGCACAATTTGGTTGTTGTTCAACACAGAA 360
QY 514 GCAGAGCAGAAATTTCAATTTCCAGCAGCTGAATGAGTCAATTTCTTATTTTCTGGGGCTT 573
Db 361 GCAGAGCAGAAATTTCAATTTCCAGCAGCTGAATGAGTCAATTTCTTATTTTCTGGGGCTT 420
QY 574 TCAGACCCACAAGGTAATTAATTTGGCAATGGATGATGAAGACACCTTATGAGAAAAT 633
Db 421 TCAGACCCACAAGGTAATTAATTTGGCAATGGATGATGAAGACACCTTATGAGAAAAT 480
QY 634 GTCAGATTTTGGCACCCTAGCTAGCCCAATCAATCTGAGAGCAATGTCCTTCAATAGTC 693
Db 481 GTCAGATTTTGGCACCCTAGCTAGCCCAATCAATCTGAGAGCAATGTCCTTCAATAGTC 540
QY 694 TTTCTGAAAACCTACAGGATGGGGCTGGAATGATGTTATCTGTGAAAACCTAGAAGGAATCA 753
Db 541 TTTCTGAAAACCTACAGGATGGGGCTGGAATGATGTTATCTGTGAAAACCTAGAAGGAATCA 600
QY 754 ATATGTGAGATGAATGAATTTTACCTA 780
Db 601 ATATGTGAGATGAATGAATTTTACCTA 627

RESULT 4
US-10-270-470-1
; Sequence 1, Application US/10270470
; Publication No. US20030162955A1
; GENERAL INFORMATION:
; APPLICANT: Chalus, Lionel
; APPLICANT: Quan, Ahn B.
; APPLICANT: Bates, Elizabeth Ester Mary
; APPLICANT: Gorman, Daniel M.
; APPLICANT: Saeland, Sem
; APPLICANT: Lebecque, Serge J.E.
; APPLICANT: Phillips, Joseph H.
; TITLE OF INVENTION: ISOLATED MAMMALIAN MEMBRANE PROTEIN GENES; RELATED REAGENTS
; FILE REFERENCE: DX0802QK
; CURRENT APPLICATION NUMBER: US/10/270,470
; CURRENT FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: US 09/270,368
; PRIOR FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: US 60/078,334
; PRIOR FILING DATE: 1998-03-17
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 850
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (108)..(593)
```

; OTHER INFORMATION:

US-10-270-470-1

Query Match 19.0%; Score 591.4; DB 6; Length 850;
Best Local Similarity 98.2%; Pred. No. 8e-107;
Matches 598; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

Qy 47 GTCCTGAGCTCTAGCTCTTTAAATGAAGCTGAGTCTCTGGGCAACATCTTTAGGGAGA 106
Db 1 GTCCTGAGCTCTAGCTCTTTAAATGAAGCTGAGTCTCTGGGCAACATCTTTAGGGAGA 60
Qy 107 GAGTACAAAAGGTTCTTGACCTTCTCAACACAGGGAGCTGCAATGATGCAAGAGC 166
Db 61 GAGTACAAAAGGTTCTTGACCTTCTCAACACAGGGAGCTGCAATGATGCAAGAGC 120
Qy 167 AGCAACCTCAAGTACAGAGAAAGGCTGTTGCTCCCTGAGACTCTGCTGTGGCTG 226
Db 121 AGCAACCTCAAGTACAGAGAAAGGCTGTTGCTCCCTGAGACTCTGCTGTGGCTG 180
Qy 227 GGATTTCCATTGCACTCCTCAGTCTGCTTCAATTTGTGAGCTGTGTAGTAACATTACCATT 286
Db 181 GGATTTCCATTGCACTCCTCAGTCTGCTTCAATTTGTGAGCTGTGTAGTAACATTACCATT 240
Qy 287 TTACATATGTTGAACTGGCAAAAGGCTGTCTGAACTACACTCATATCATATCAAGTCTCA 346
Db 241 TTACATATGTTGAACTGGCAAAAGGCTGTCTGAACTACACTCATATCATATCAAGTCTCA 300
Qy 347 CTTGCTTTCAGTGAAGGACAAAGGTCAGCTGGGATGCTGCCAGCTTCTTGGAGT 406
Db 301 CTTGCTTTCAGTGAAGGACAAAGGTCAGCTGGGATGCTGCCAGCTTCTTGGAGT 360
Qy 407 CATTTGGTTCAGTGTGCTTCAATTTCCAGTGAAGAGGTTTGGTCTAAGAGTGAAGC 466
Db 361 CATTTGGTTCAGTGTGCTTCAATTTCCAGTGAAGAGGTTTGGTCTAAGAGTGAAGC 420
Qy 467 AGAATCTGTTGAGATGGGAGCAATTTGGTGTGTTCAACACAGAGCAGAGCAATTT 526
Db 421 AGAATCTGTTGAGATGGGAGCAATTTGGTGTGTTCAACACAGAGCAGAGCAATTT 480
Qy 527 TCATTTGCCAGCTGAATGAGTCAATTTCTTATTTCTGGGCTTTCAGACCCCAAG 586
Db 481 TCATTTGCCAGCTGAATGAGTCAATTTCTTATTTCTGGGCTTTCAGACCCCAAG 540
Qy 587 GTAATAATAATTTGCAATGGAATGATAAGACACCTTATGAGAAAAATGTGAGATTTGGC 646
Db 541 GTAATAATAATTTGCAATGGAATGATAAGACACCTTATGAGAAAAATGTGAGATTTGGC 600
Qy 647 ACTTAGGTG 655
Db 601 AGTTCTGGG 609

RESULT 5

US-09-766-511b-71

; Sequence 71, Application US/09766511b
; Publication No. US20030170621A1

; GENERAL INFORMATION:

; APPLICANT: MCCARTHY, Sean A
; APPLICANT: FRASER, Christopher C
; APPLICANT: SHARP, John D
; APPLICANT: BARNES, Thomas S
; APPLICANT: KIRST, Susan J
; APPLICANT: MYERS, Paul S
; APPLICANT: WRIGHTON, Nicholas
; APPLICANT: GOODEARL, Andrew
; APPLICANT: HOLTZMAN, Douglas A
; APPLICANT: KHODADOUST, Mehran M
; TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING PROGNOSTIC, DIAGNOSTIC, PREVENTIVE, THERAPEUTIC, AND OTHER USES
; FILE REFERENCE: 10147-65
; CURRENT APPLICATION NUMBER: US/09/766,511B
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: US 09/578,063

; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: US 09/333,159
; PRIOR FILING DATE: 1999-06-14
; PRIOR APPLICATION NUMBER: US 09/596,194
; PRIOR FILING DATE: 2000-06-16
; PRIOR APPLICATION NUMBER: US 09/342,364
; PRIOR FILING DATE: 1999-06-29
; PRIOR APPLICATION NUMBER: US 09/608,452
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/393,996
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 09/345,680
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 71
; LENGTH: 1252
; TYPE: DNA
; ORGANISM: Mus sp.
; US-09-766-511b-71

Query Match 12.2%; Score 379.2; DB 3; Length 1252;

Best Local Similarity 73.8%; Pred. No. 1e-64;
Matches 555; Conservative 0; Mismatches 178; Indels 19; Gaps 5;
Qy 40 GCAGTTTGTCCCTGAGCTCTAGCTCTTTTAAATGAAGCTGAGTCTCTGGGCAACATCTTTT 99
Db 72 GGAAGTTGATCTGAACTCTGGCTCTTTGACAGAGCCAGGTCCTGAGTCGATATTTT- 130
Qy 100 AGGAGAGAGGTACAAAAGTTCCTGACCTTCTCAACACAGGAGCCCTGCATATGATG 159
Db 131 --GGAGACAGATGCAAGAAACCCCT-GACCTTCTGAACATA---CACCTCAACAAATGGTG 184
Qy 160 CAAGACACCAACCTCAAGATACAGAGAAAGAGGCTGTTGCTCCCTGAGACTCTGGTCT 219
Db 185 CAGGAAAGCAATGCCA-----AGGGAAGGAGTCTGCTGGACCTGAGACTCTGGTCA 238
Qy 220 GTGGCTGGGATTTCCATTCAGTCTCCTCAGTGTGCTTCATTTGTGAGCTGTGTAGTAACT 279
Db 239 GCTGCTGTGATTTCCATGTTACTCTTGAGTACTGTTTCATTTGCGAGCTGTGTGGTACT 298
Qy 280 TACCATTTTACATATATGGTGAAGTCTGCAAGAGCTGTCTGAACATACACTCATATCATTC 339
Db 299 TACCAATTTTATATGACAGCCAGTGAAGACTATATGAACCTTCAACATACCATTC 358
Qy 340 AGTCTCACCTGCTTCAAGTGAAGGCAAGAGTGCAG-----CCTGGGAGTGTGCCCA 393
Db 359 AGTCTCACCTGCTTCAAGTGAAGGACTATGGTGTGAGAAAAAATGTGGGAGTGTGCCCA 418
Qy 394 GCTTCTTGAAGTCAATTTGGTTCAGTTCCTTCAATTTCCAGTGAAGAGAGGTTTGG 453
Db 419 AATCACTGGAAGTCAATTTGGTTCAGTTCCTTCAATTTTACCAAGAGAGTCTTGG 478
Qy 454 TCTAAGAGTGAGCAGAACTGTGTGAGATGGAGCAGCAATTTGGTGTGTTCACACAGAA 513
Db 479 AGCACCAGTGAGCAGAACTGTGTGAGATGGGAGTCACTGTGTGTGTATCAATCACTGAA 538
Qy 514 GCAGAGCAGAAATTTCAATTTGCTCAGCAGCTGAATGAGTCAATTTTCTTCTGGGGCTT 573
Db 539 GCGGAGCAGAAATTTCAATTTGCTCAGCAGCTGAATGAGTCAATTTTCTTCTGGGGCTT 598
Qy 574 TCAGACCCCAAGGTAATAATTTGGCAATGGATTTGATGAAGACACCTTTATGAGAAAAAT 633
Db 599 TCGGATCCCAAGGTAATAATGGCAATGGCAATGGATGATGATCTCTTTCAGTCAAAAT 658
Qy 634 GTCAGATTTTGGCAGCTAGGTGAGGCCAATCATTTCTGAGAGCAATGTGCTTCAATAGTC 693
Db 659 GTCAGGTTCTGGCACCCCATGAACCAATCTTCCAGAGAGCGGTGTGTTCATATAGTT 718
Qy 694 TTCTGGAACCTACAGGATGGGCTGGAATGATGTTATCTGTGAAACTAGAGGAATTC 753
Db 719 TACTGGAATCCTTCGAAATGGGGCTGGAATGATGTTTCTGTGATAGTAAACACAAATTC 778

Db 184 CTCACCTGCTTCACTGAGGAGCATATGGTGTACAGAAAAAATGTGGGATGCTGCCCCAAT 243
Qy 397 TCTTGAAGTCAATTTGGTTCCAGTTGCTACTTCAATTTCCAGTGAAGAGAGGTTTGGTCT 456
Db 244 CACTGGAAGTCAATTTGGCTCCAGCTGCTACTCATTTCTACCAAGGAGAACTTCTGGAGC 303
Qy 457 AAGAGTGAAGCAACTGTTGTGATGGGAGCACAATTTGGTTGTGTTTCAACACAGAAACA 516
Db 304 ACCAGTGAAGCAACTGTTGTGATGGGAGCACAATTTGGTTGTGTTTCAACACAGAAACA 363
Qy 517 GAGCAGAAATTTCAATTTCCAGCAGCTGAATGAGTCATTTTCTTATTTCTGGGGCTTTCA 576
Db 364 GAGCAGAAATTTCAATTTCCAGCAGCTGAATGAGTCATTTTCTTATTTCTGGGGCTTTCA 423
Qy 577 GACCCACAGGTAATAATTTGGCAATGGATGATGATGATGATGATGATGATGATGATGATG 636
Db 424 GATCCACAGGTAATAATTTGGCAATGGATGATGATGATGATGATGATGATGATGATGATG 483
Qy 637 AGATTTGGCAGCTAGTGAGCCCAATCATTTCTGCAGAGCAATGTGCTTCAATAGTCTTC 696
Db 484 AGGTTCTGGCAGCCCAATCATTTCTGCAGAGCAATGTGCTTCAATAGTCTTC 543
Qy 697 TGGAAACCTACAGGATGGGCTGGAATGATGATGATGATGATGATGATGATGATGATGATG 756
Db 544 TGGAAATCGAAATGGGCTGGAATGATGATGATGATGATGATGATGATGATGATGATGATG 603
Qy 757 TGTGAGATGAATGAATTTACCTA 780
Db 604 TGTGAATGAAGAGATTTACCTA 627

RESULT 8

US-10-723-860-4598/c
; Sequence 4598, Application US/10723860
; Publication No. US20040253605A1
; GENERAL INFORMATION:
; APPLICANT: Aziz, Natasha
; APPLICANT: Ginsburg, Wendy M.
; APPLICANT: Zlotnik, Albert
; TITLE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma, Compositions &
; TITLE OF INVENTION: Methods for Screening for Soft Tissue Sarcoma Modulators
; FILE REFERENCE: 05882.0193.NFUS01
; CURRENT APPLICATION NUMBER: US/10/723,860
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: 60/429,739
; PRIOR FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 8393
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4598
; LENGTH: 3925
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-860-4598

Query Match 11.7%; Score 365.2; DB 8; Length 3925;
Best Local Similarity 86.3%; Pred. No. 1e-61;
Matches 471; Conservative 0; Mismatches 48; Indels 27; Gaps 5;

Qy 2477 TTTCCATTTCTGCTGCTCAAAATATTTTTTTTACAGCTTATACACAACTTTTATAGA 2536
Db 3758 TT 3699
Qy 2537 AAAGTTATACATAACACAGCATCAACTATTTTCAAG-----AACCCAATAAGCAA 2586
Db 3698 AAAGTTATACATAACATAGCATCACTATTTTCAAGAACAAATATTAACCCGATAAGCAA 3639
Qy 2587 CAAAAACAGACTAACAAAAATGTGTAAACAGAACTAATGACCTTTCTAAAAATCAACAT 2646
Db 3638 CAAAAACAGACTAACAAAAATGTGTAAACAGAACTAATGACCTTTCTAAAAATCAACAT 3579
Qy 2647 TCAATTTATCAATGTCTATTTTACAAACAGGGAATCTCCATGTTTACAGGCATGTCA 2706
Db 3578 TCAATTTATCAATGTCTTTTACAAACAGGGAATCTCCATGTTTACAGGCATGTCA 3519

Qy 2707 TATTGAAAAATAAGCTGCAATAGC-TTTTTATACAAATATTCGCTCTCAAGAAAAATGAATC 2765
Db 3518 TATTGAAATAAAGCTGCAATAGCAATTTTATACAAATTACCACCTCTGAGAAACTGAATC 3459
Qy 2766 ATTAAGACAGTAATATAGGAGTTCACAAATTTAAACATTTTACGTAATTTTAAATATTG 2825
Db 3458 ATTAAGACAGTAATATAGGAGTTCACAAATTTAAACATTTTACATTAATTTTAAATATTG 3399
Qy 2826 TCTTCAATAATTTTAAATTTATGAAGTCTGAGTTTCAAAAGTGA---TTTTTCCCAAA 2882
Db 3398 GGT-----ATACACTGAGTCTGAGTTTCAAAAGTGAATTTTTTTTCCCAAA 3351
Qy 2883 AGGTGCAACACACTTAAGCTAGAGCTTTTCAAGTGTAACTTTTGGCCT-AAAAGTTAAGACAT 2941
Db 3350 AAGTTTCAACACTTAAGCTAGAGCTTTTCAAGTGTAACTTTTGGCCTTAAAGTTAAGACAT 3291
Qy 2942 ATTCGAGAAATCAATATAGTACATGATTTCTGATGCTATCTGCTCTGTTTAATACAAAG 3001
Db 3290 ATTCGATTAATCAACAGTACATGATTTCTGATGCTATCTGCTCTGTTTAATTAAG 3231
Qy 3002 ATTTCA 3007
Db 3230 TCTTTA 3225

RESULT 9

US-09-925-301-80/c
; Sequence 80, Application US/09925301
; Patent No. US20020052308A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA106
; CURRENT APPLICATION NUMBER: US/09/925,301
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05882
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1694
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 80
; LENGTH: 3748
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-301-80

Query Match 11.7%; Score 364.6; DB 3; Length 3748;
Best Local Similarity 88.3%; Pred. No. 1.3e-61;
Matches 462; Conservative 0; Mismatches 34; Indels 27; Gaps 5;

Qy 2500 TATTTTTTTTACAGCTTATACACAACTTTTATTAGAAAAGTTATACATAACACAGCATC 2559
Db 3725 TTTTTTTTTTTTACAGCTTATACACAACTTTTATTAGAAAAGTTTATACATAACATAGCATC 3666
Qy 2560 AACTATTTTCAAG-----AACCCAATAAGCAACAAACCAAGCTTAACAAATGT 2609
Db 3665 AACTATTTTCAAGAACAAATATTAACCCGATAGCAACAAACCAAGCTTAACAAATGT 3606
Qy 2610 GTAACAGAAACTTAATGACCTTTCTAAAAATCAAACTTCAATTTATCTACAATGTCTATT 2669
Db 3605 GTAACAGAAACTTAATGACCTTTCTAAAAATCAAACTTCAATTTATCTACAATGTCTTTT 3546
Qy 2670 ACACAGGGAACCTCCATGTTTACAGGCATGTCATATTGAAAATAAGCTGCAATAG 2729
Db 3545 ACACAGGGAACCTCCATGTTTACAGGCATGTCATATTGAAATAAAGCTGCAATAG 3486
Qy 2730 C-TTTTTATACAAATATGCTCTCAAGAAAATGAATCATTAAAGACAGTAATTTAGGAGTTT 2788
Db 3485 CAATTTTATACAAATATGCTCTCAAGAAAATGAATCATTAAAGACAGTAATTTAGGAGTTT 3426
Qy 2789 ACAAATTTAAACATTTTACAGTAATTTTAAATTTTGTCTCTCAATTAATTTTAAATTTT 2848

Db 3425 ACAAATTTAAACATTTACATAATTTTAAATTAATTTGGGT-----ATACACTG 3378
Qy 2849 AAGCTGAGTTTCAAAAGTGA---TTTTTCCCAAAAGGTGCCAACACTTTAAGCTAGAG 2905
Db 3377 AAGCTGAGTTTCAAAAGTGATTTTTCACAAAAGTTTCCACACTTTAAGCTAGAA 3318
Qy 2906 CTTTCAGTGTTAACTTTGGCCT-AAAAGTTAAGACATATTTCTGAGAAATCATATATGTCAC 2964
Db 3317 CTTTCAGTGTTAACTTTGGCCTAAAAAGTTAAGACATATTTCTGATATCATACAGTCAC 3258
Qy 2965 ATGATTTCTGATCTATCTGCTGTTTAAATAACAAGATTCA 3007
Db 3257 ATGATTTCTGATCTATCTGCTGTTTAAATAAAGTCTTTA 3215

RESULT 10
US-10-108-260A-2220/c
; Sequence 2220, Application US/10108260A
; Publication No. US20040005560A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20040005560A1e1 full length cDNA
; FILE REFERENCE: HI-A0106
; CURRENT APPLICATION NUMBER: US/10/108,260A
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 5458
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2220
; LENGTH: 2209
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-108-260A-2220

Query Match 11.4%; Score 356.2; DB 6; Length 2209;
Best Local Similarity 88.3%; Pred. No. 4.8e-60;
Matches 453; Conservative 0; Mismatches 33; Indels 27; Gaps 5;
Qy 2510 ACAGCTTTATACACAACCTTTTATTAGAAAAGTTATACATAACACAGCATCAACTATTTTC 2569
Db 2209 ACAGCTTTATACACAACCTTTTATTAGAAAAGTTATACATAACATAGCATCAACTATTTTC 2150
Qy 2570 AAG-----AACCCTAAGCAACAAACCAGACTAACAAAATGTTAACAGAA 2619
Db 2149 AAGAACAATATTAAACCCGATAAGCAACAAACCAGACTAACAAAATGTTAACAGAA 2090
Qy 2620 ACTAATGACCTTTCTAAATCAAACTTCAATATCTACAATGCTATTTTACAAACAGGG 2679
Db 2089 ACTAATGACCTTTCTAAATCAAACTTCAATATCTACAATGCTATTTTACAAACAGGG 2030
Qy 2680 AAAAATCCATGGTTTACAGGCATGTCATATTGAAAATAAAGCTGCAATAGC-TTTTATATA 2738
Db 2029 AAAAATCCCTGGTTTACAGGCACATCATATTGAATATAAAGCTGCAATAGCAATTTTATA 1970
Qy 2739 CAATTATCGCTCTCAAGAAAATGAATCATTTAAGACAGTAAATAGGAGTTTACAAATTTAA 2798
Db 1969 CAATTATCCACTCTGAAGAAATGAATCATTTAATAACAGTAAATAGGAGTTTACAAATTTAA 1910
Qy 2799 AACATTTTCAGTAAATTTTAAATTAATGCTTCAATAATTTTAAATTAATGAGTCTGAGT 2858
Db 1909 AACATTTTCANAAATTTTAAATTAATTTGGT-----ATACACTGAGTCTGAGT 1862
Qy 2859 TTCAAAAGTGA---TTTTTCCCAAAAGGTGCCAACACTTTAAGCTAGAGCTTTTCAGTGT 2915
Db 1861 TTCAAAAGTGATTTTTCCTTCCCAAAAAGTTTCAACACTTTAAGCTAGAACTTTTCAGTGT 1802
Qy 2916 TAACCTTGGCCCT-AAAAGTTAAGACATATTTCTGAGAAATCATATAAGTCACATGATTTTCG 2974
Db 1801 TAACCTTGGCCCTTAAAGAAATTTAAGACATATTTCTGATAATCATATAACAGTCACATGATTTTCG 1742
Qy 2975 ATGCTATCTGCTCTGTTTAAATAACAAGATTTC 3007
Db 1741 ATGCTATCTGCTCTGTTTAAATAAAGTCTTTA 1709

RESULT 11
US-10-172-118-1260/c
; Sequence 1260, Application US/10172118
; Publication No. US20030224374A1
; GENERAL INFORMATION:
; APPLICANT: Dai, Hongyue
; APPLICANT: He, Yudong
; APPLICANT: Linsley, Peter
; APPLICANT: Mao, Mao
; APPLICANT: Roberts, Chris
; APPLICANT: Van 't Veer, Laura
; APPLICANT: Van de Vijver, Marc
; APPLICANT: Bernards, Rene
; TITLE OF INVENTION: Diagnosis and Prognosis of Breast Cancer Patients
; FILE REFERENCE: 9301-175-999
; CURRENT APPLICATION NUMBER: US/10/172,118
; CURRENT FILING DATE: 2002-06-14
; PRIOR APPLICATION NUMBER: 60/380,770
; PRIOR FILING DATE: 2002-05-14
; NUMBER OF SEQ ID NOS: 2699
; SEQ ID NO 1260
; LENGTH: 3647
; TYPE: DNA
; ORGANISM: Homo sapiens
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: NM_006265
; DATABASE ENTRY DATE: 2001-06-18
US-10-172-118-1260

Query Match 11.4%; Score 356.2; DB 6; Length 3647;
Best Local Similarity 88.3%; Pred. No. 6.1e-60;
Matches 453; Conservative 0; Mismatches 33; Indels 27; Gaps 5;
Qy 2510 ACAGCTTTATACACAACCTTTTATTAGAAAAGTTATACATAACACAGCATCAACTATTTTC 2569
Db 3647 ACAGCTTTATACACAACCTTTTATTAGAAAAGTTATACATAACATAGCATCAACTATTTTC 3588
Qy 2570 AAG-----AACCCTAAGCAACAAACCAGACTAACAAAATGTTAACAGAA 2619
Db 3587 AAGAACAATATTAAACCCGATAAGCAACAAACCAGACTAACAAAATGTTAACAGAA 3528
Qy 2620 ACTAATGACCTTTCTAAATCAAACTTCAATATCTACAATGCTATTTTACAAACAGGG 2679
Db 3527 ACTAATGACCTTTCTAAATCAAACTTCAATATCTACAATGCTATTTTACAAACAGGG 3468
Qy 2680 AAAAATCCATGGTTTACAGGCATGTCATATTGAAAATAAAGCTGCAATAGC-TTTTATATA 2738
Db 3467 AAAAATCCCTGGTTTACAGGCACATCATATTGAATATAAAGCTGCAATAGCAATTTTATA 3408
Qy 2739 CAATTATCGCTCTCAAGAAAATGAATCATTTAAGACAGTAAATAGGAGTTTACAAATTTAA 2798
Db 3407 CAATTATCCACTCTGAAGAAATGAATCATTTAATAACAGTAAATAGCTAGAACTTTTCAGTGT 3348
Qy 2799 AACATTTTCAGTAAATTTTAAATTAATGCTTCAATAATTTTAAATTAATGAGTCTGAGT 2858
Db 3347 AACATTTTCATAAATTTTAAATTAATTTGGGT-----ATACACTGAGTCTGAGT 3300
Qy 2859 TTCAAAAGTGA---TTTTTCCCAAAAGGTGCCAACACTTTAAGCTAGAGCTTTTCAGTGT 2915
Db 3299 TTCAAAAGTGATTTTTCCTTCCCAAAAAGTTTCAACACTTTAAGCTAGAACTTTTCAGTGT 3240
Qy 2916 TAACCTTGGCCCT-AAAAGTTAAGACATATTTCTGAGAAATCATATAAGTCACATGATTTTCG 2974
Db 3239 TAACCTTGGCCCTTAAAGAAATTTAAGACATATTTCTGATAATCATATAACAGTCACATGATTTTCG 3180
Qy 2975 ATGCTATCTGCTCTGTTTAAATAACAAGATTTC 3007
Db 3179 ATGCTATCTGCTCTGTTTAAATAAAGTCTTTA 3147

RESULT 12


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US-10-342-887-1260/c
; Sequence 1260, Application US/10342887
; Publication No. US20040058340A1
; GENERAL INFORMATION:
; APPLICANT: Dai, Hongyue
; APPLICANT: He, Yudong
; APPLICANT: Linsley, Peter S.
; APPLICANT: Mao, Mao
; APPLICANT: Roberts, Christopher J.
; APPLICANT: Van 't Veer, Laura Johanna
; APPLICANT: Van de Vijver, Marc J.
; APPLICANT: Bernards, Rene
; TITLE OF INVENTION: Diagnosis and Pro
; FILE REFERENCE: 9301-188-999
; CURRENT APPLICATION NUMBER: US/10/342
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: 60/298,918
; PRIOR FILING DATE: 2001-06-18
; PRIOR APPLICATION NUMBER: 60/380,710
; PRIOR FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 10/172,118
; PRIOR FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 2699
; SEQ ID NO 1260
; LENGTH: 3647
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-342-887-1260

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Query Match	11.4%;	Score 356.2;	DB 7;	Length 3647;
Best Local Similarity	88.3%;	Pred. No. 6.1e-60;		
Matches 453;	Conservative 0;	Mismatches 33;	Indels 27;	Gaps 5;
Qy	2510	ACAGCTTATACACAACCTTTTATTAGAAAAGTTATACATAACACAGCATCAACTATTTTC	2569	
Db	3647	ACAGCTTATACACAACCTTTTATTAGAAAAGTTATACATAACATAGCATCAACTATTTTC	3588	
Qy	2570	AAG-----AACCCTAATAAGCAACAAAAACCGAGCTTAAACAAATGTGTAAACAAGAA	2619	
Db	3587	AAGAACAAATATTAAACCCGATAGCAACAAAACCGAGCTTAAACAAATGTGTAAACAAGAA	3528	
Qy	2620	ACTAATGACCTTTCTAAAATCAAACATTCATTAATCTCAATGTCTATTTCACAAACAGGG	2679	
Db	3527	ACTAATGACCTTTCTAAAATCAAACATTCATTAATCTCAATGTCTTTTACAAACGGGG	3468	
Qy	2680	AAACTCCATGGTTTACAGGCATGTCATATTGAAAATAAAGCTGCAATAGC-TTTTATATA	2738	
Db	3467	AAAACTCCTTGGTTTACAGGCACATCATATTGAAATATAAGAGCTGCAATAGCAATTTTATA	3408	
Qy	2739	CAATTATCGCTCTCAAGAAAATGAATCATTTAAGACAGTAATTAGGAGTTCACAAATTTAA	2798	
Db	3407	CAATTACCCTCTGAGAGAACTGAATCATTTAAACAGTAATTAGGAGTTCACAAATTTAA	3348	
Qy	2799	AACATTTACGTAATTTTAAATTTATGTCTTCAATATTTTAAATTTATGAAGCTCTGAGT	2858	
Db	3347	AACATTTACATAATTTTAAATTTATGGGT-----ATACACTGAAGTCTGAGT	3300	
Qy	2859	TTCAAAAGTCA---TTTTTTCCACAAGAGTGCCAACACACTTAAGCTAGAGCTTTCAGTGT	2915	
Db	3299	TTCAAAAGTGAATTTTTTTTTTTCCACAAGAGTTTCAACACACTTAAGCTAGAGACTTTCAGTGT	3240	
Qy	2916	TAACTTTGCCCT-AAAAGTTTAAGACATATTTCTGAGATCATATAATAGTCAATGATTTCTG	2974	
Db	3239	TAACTTTGCCCTAAAAGTTTAAGACATATTTCTGATATATCAATACAGTCAATGATTTCTG	3180	
Qy	2975	ATGCTATCTGCTCTGTTTAATAACAAAGATTTC	3007	
Db	3179	ATGCTATCTGCTCTGTTTAATAAAGTCTTTA	3147	

RESULT 13

US-10-848-755A-148/c

Sequence 148, Application US/10848755A

; Publication No. US20050054826A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Mao, Mao
 ; TITLE OF INVENTION: HUMAN DIAPHANOUS-3 GENE AND METHODS OF USE THEREFOR
 ; FILE REFERENCE: 9301-196-999
 ; CURRENT APPLICATION NUMBER: US/10/848,755A
 ; CURRENT FILING DATE: 2004-05-18
 ; PRIOR APPLICATION NUMBER: 60/471,842
 ; PRIOR FILING DATE: 2003-05-11
 ; NUMBER OF SEQ ID NOS: 275
 ; SOFTWARE: PatentIn version 3.2 CAM: 301891-999188
 ; SEQ ID NO 148
 ; LENGTH: 3647
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-848-755A-148

	Query Match	11.4%	Score 356.2;	DB 9;	Length 3647;
	Best Local Similarity	88.3%	Pred. No. 6.1e-60;		
	Matches 453;	Conservative 0;	Mismatches 33;	Indels 27;	Gaps 5;
Qy	2510	ACAGCTTATAACACAACTTTTATTACAAAAGTTATACATAACACACAGCATCAACTATTTTC	2569		
Db	3647	ACAGCTTATAACACAACTTTTATTAGAAAAGTTATACATAACACATAGCATCACTATTTTC	3588		
Qy	2570	ARG-----AACCCCAATAGCAACAAAAACCCAGACTTAACAAAATGTGTAAACAAGAA	2619		
Db	3587	AAGAAACAATATTAAACCCGATAGCAACAAAAACCCAGACTTAACAAAATGTGTAAACAAGAA	3528		
Qy	2620	ACTAATGACCTTCTTAAATCAAAACATTCATATCTACATGTCTATTATACAAACAGGG	2679		
Db	3527	ACTAATGACCTTCTTAAATCAAAACATTCATATCTACATGTCTATTATACAAACAGGG	3468		
Qy	2680	AAAACCTCCATGGTTTACAGCATGTCTATTTGAAAATAAAGCTGCAATAGC-TTTTATTATA	2738		
Db	3467	AAAACCTCTTGGTTTACAGCATCATATTTGAATATAAAGCTGCAATAGCAATTTTATA	3408		
Qy	2739	CAATTATCGCTCTCAAGAAAAATGAATCATTTAAGACAGTAGTAATTAGGAGTTTCACAAATTTAA	2798		
Db	3407	CAATTACCACCTCTGAAGAACTGAATCATTTAAACAGTAATTACGAGTTTCACAAATTTAA	3348		
Qy	2799	ACATTTTCAGTAATTTTAAATTAATTTGTCTTCAATAATTTTAAATTTATTTGAAGTCTGAGT	2858		
Db	3347	ACATTTTCAGTAATTTTAAATTAATTTGTCTTCAATAATTTTAAATTTATTTGAAGTCTGAGT	3300		
Qy	2859	TTCAAAGTGA---TTTTTTTCCACAAAGGTGCCAACCTTAAGCTAGAGCTTTCAGTCT	2915		
Db	3299	TTCAAAGTGAATTTTTTTTCCACAAAGGTTTTCAACACTTAAGCTAGAGCTTTCAGTCT	3240		
Qy	2916	TAACTTTGGCCCT-AAAAGTTAAGACATATTTCTGAGAAATCATATAGTGCATGATTTCTG	2974		
Db	3239	TAACTTTGGCCCTAAAAGTTAAGACATATTTCTGATATANTCATTAACAGTCATGATTTCTG	3180		
Qy	2975	ATGCTATCTGCTCTGTTAATAACAAAGATTCA	3007		
Db	3179	ATGCTATCTGCTCTGTTAATAATAAAGTCTTTA	3147		

RESULT 14
 US-10-756-149-1/c
 ; Sequence 1, Application US/10756149
 ; Publication No. US20050181375A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Aziz, Natasha
 ; APPLICANT: Zlotnik, Albert
 ; TITLE OF INVENTION: NOVEL METHODS OF DIAGNOSIS OF METASTATIC CANCER, COMPOSITIONS OF NOVEL METHODS OF SCREENING FOR MODULATORS OF METASTATIC CANCER
 ; FILE REFERENCE: file
 ; CURRENT APPLICATION NUMBER: US/10/756,149
 ; CURRENT FILING DATE: 2004-01-12
 ; NUMBER OF SEQ ID NOS: 5818
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 1

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; LENGTH: 3647
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-756-149-1

Query Match      11.4%; Score 356.2; DB 9; Length 3647;
Best Local Similarity 88.3%; Pred. No. 6.1e-60; Indels 27; Gaps 5;
Matches 453; Conservative 0; Mismatches 33;

QY 2510 ACAGCTTTATAACACAACTTTTATTAGAAAAGTTATACATAACACAGCATCAACTATTTTC 2569
Db 3647 ACAGCTTTATAACACAACTTTTATTAGAAAAGTTATACATAACACAGCATCAACTATTTTC 3588

QY 2570 AAG-----AACCCAAATAGCAACAAAAACCGAGCTAAACAAAATGTGTAAACAGAA 2619
Db 3587 AGAACAATATTAAACCCGATAGCAACAAAAACCGAGCTAAACAAAATGTGTAAACAGAA 3528

QY 2620 ACTAATGACCTTTCTAAATCAACATTCATATTATCTACAAATCTCTATTACAAACAGGG 2679
Db 3527 ACTAATGACCTTTCTAAATCAACATTCATATTATCTACAAATCTCTTTTACAAACGGGG 3468

QY 2680 AAAAAGCTTCCATGGTTTACAGGCATGTCTATATTGAAAATAAAGCTGCAATAGC-TTTTATA 2738
Db 3467 AAAAAGCTTCCATGGTTTACAGGCATGTCTATATTGAAAATAAAGCTGCAATAGC-TTTTATA 3408

QY 2739 CAATTATCGCTCTCAAGAAAATGAATCAATTAAGACAGTAATTAGGAGTTTCAAAAATTTAA 2798
Db 3407 CAATTATCGCTCTCAAGAAAATGAATCAATTAAGACAGTAATTAGGAGTTTCAAAAATTTAA 3348

QY 2799 AACATTTCAGTAATTTTAAATTTATGCTTTCAATTAATTTTAAATTTTGAAGTCTGAGT 2858
Db 3347 AACATTTCAGTAATTTTAAATTTATTTGGGT-----ATACACTGAAAGTCTGAGT 3300

QY 2859 TTCAAAGTGA---TTTTTCCCAAAAGGTGCCAACACACTTAAGCTAGAGCTTTTCAGTGT 2915
Db 3299 TTCAAAGTGAATTTTTCCTCCCAAAAGTTTCAACACTTAAGCTAGAGCTTTTCAGTGT 3240

QY 2916 TAACTTTGCCCT-AAAGTTTAAGACATATTCTGAGATCATATATAGTCAATGATTTCTG 2974
Db 3239 TAACTTTGCCCTAAAGTTTAAGACATATTCTGATATATCATATACAGTCAATGATTTCTG 3180

QY 2975 ATGCTATCTCTCTGTTTAATAACAAAGATTTC 3007
Db 3179 ATGCTATCTCTCTGTTTAATAATAAAGTCTTTA 3147

Search completed: March 28, 2006, 09:56:23
Job time : 2251.31 secs
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; LENGTH: 3647
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-756-149-1

Query Match      11.4%; Score 356.2; DB 9; Length 3647;
Best Local Similarity 88.3%; Pred. No. 6.1e-60; Indels 27; Gaps 5;
Matches 453; Conservative 0; Mismatches 33;

QY 2510 ACAGCTTTATAACACAACTTTTATTAGAAAAGTTATACATAACACAGCATCAACTATTTTC 2569
Db 3647 ACAGCTTTATAACACAACTTTTATTAGAAAAGTTATACATAACACAGCATCAACTATTTTC 3588

QY 2570 AAG-----AACCCAAATAGCAACAAAAACCGAGCTAAACAAAATGTGTAAACAGAA 2619
Db 3587 AGAACAATATTAAACCCGATAGCAACAAAAACCGAGCTAAACAAAATGTGTAAACAGAA 3528

QY 2620 ACTAATGACCTTTCTAAATCAACATTCATATTATCTACAAATCTCTATTACAAACAGGG 2679
Db 3527 ACTAATGACCTTTCTAAATCAACATTCATATTATCTACAAATCTCTTTTACAAACGGGG 3468

QY 2680 AAAAAGCTTCCATGGTTTACAGGCATGTCTATATTGAAAATAAAGCTGCAATAGC-TTTTATA 2738
Db 3467 AAAAAGCTTCCATGGTTTACAGGCATGTCTATATTGAAAATAAAGCTGCAATAGC-TTTTATA 3408

QY 2739 CAATTATCGCTCTCAAGAAAATGAATCAATTAAGACAGTAATTAGGAGTTTCAAAAATTTAA 2798
Db 3407 CAATTATCGCTCTCAAGAAAATGAATCAATTAAGACAGTAATTAGGAGTTTCAAAAATTTAA 3348

QY 2799 AACATTTCAGTAATTTTAAATTTATGCTTTCAATTAATTTTAAATTTTGAAGTCTGAGT 2858
Db 3347 AACATTTCAGTAATTTTAAATTTATTTGGGT-----ATACACTGAAAGTCTGAGT 3300

QY 2859 TTCAAAGTGA---TTTTTCCCAAAAGGTGCCAACACACTTAAGCTAGAGCTTTTCAGTGT 2915
Db 3299 TTCAAAGTGAATTTTTCCTCCCAAAAGTTTCAACACTTAAGCTAGAGCTTTTCAGTGT 3240

QY 2916 TAACTTTGCCCT-AAAGTTTAAGACATATTCTGAGATCATATATAGTCAATGATTTCTG 2974
Db 3239 TAACTTTGCCCTAAAGTTTAAGACATATTCTGATATATCATATACAGTCAATGATTTCTG 3180

QY 2975 ATGCTATCTCTCTGTTTAATAACAAAGATTTC 3007
Db 3179 ATGCTATCTCTCTGTTTAATAATAAAGTCTTTA 3147

Search completed: March 28, 2006, 09:56:23
Job time : 2251.31 secs
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RESULT 15
US-10-060-036-1924
; Sequence 1924, Application US/10060036
; Publication No. US20030073144A1
; GENERAL INFORMATION:
; APPLICANT: Benson, Darin R.
; APPLICANT: Kalos, Michael D.
; APPLICANT: Lodes, Michael J.
; APPLICANT: Persing, David H.
; APPLICANT: Hepler, William T.
; APPLICANT: Jiang, Yugu
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF PANCREATIC CANCER
; FILE REFERENCE: 21021.566
; CURRENT APPLICATION NUMBER: US/10/060.036
; CURRENT FILING DATE: 2002-01-30
; NUMBER OF SEQ ID NOS: 4560
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1924
; LENGTH: 526
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 50, 87, 226, 266, 350, 381, 420, 430, 455
; OTHER INFORMATION: n = A,T,C or G
US-10-060-036-1924
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Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
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15: /SIDSS/ptodata/1/pubpna/US60_NEW_PUB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	364.6	11.7	3659	8	US-10-821-234-75
2	356.2	11.4	3647	14	US-11-112-908-4
3	346.6	11.1	19363	14	US-11-112-908-32
4	81.4	2.6	173602	14	US-11-121-086-25
5	81.2	2.6	173120	11	US-11-114-798-55
6	81.2	2.6	182303	14	US-11-121-086-45
7	80.6	2.6	595	6	US-09-925-065A-659928
8	75	2.4	584	6	US-09-925-065A-635846
9	74.4	2.4	559	6	US-09-925-065A-304160
10	74.2	2.4	566	10	US-10-301-480-498555
11	74.2	2.4	566	10	US-10-301-480-111964
12	74.2	2.4	647	6	US-09-925-065A-870974
13	73.8	2.4	560	6	US-09-925-065A-436943
14	73.8	2.4	861	6	US-09-925-065A-724976
15	73.6	2.4	565	6	US-09-925-065A-87038
16	73.6	2.4	565	6	US-09-925-065A-87039
17	73.6	2.4	565	9	US-10-301-480-188278
18	73.6	2.4	565	9	US-10-301-480-188279

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20	73.6	2.4	565	10	US-10-301-480-801688	Sequence 801688,
C 21	73.6	2.4	582	6	US-09-925-065A-940497	Sequence 940497, A
C 22	73.6	2.4	628	6	US-09-925-065A-64490	Sequence 64490, A
C 23	73.6	2.4	628	6	US-09-925-065A-64491	Sequence 64491, A
C 24	73.6	2.4	628	9	US-10-301-480-165728	Sequence 165728,
C 25	73.6	2.4	628	9	US-10-301-480-165729	Sequence 165729,
C 26	73.6	2.4	628	10	US-10-301-480-779137	Sequence 779137,
C 27	73.6	2.4	628	10	US-10-301-480-779138	Sequence 779138,
C 28	73.4	2.4	597	6	US-09-925-065A-884403	Sequence 884403,
C 29	73.4	2.4	188056	14	US-11-120-925-1	Sequence 1, Appl1
C 30	73.2	2.4	1199	9	US-10-301-480-98156	Sequence 98156, A
C 31	73.2	2.4	1199	10	US-10-301-480-711565	Sequence 711565, A
C 32	73	2.3	528	6	US-09-925-065A-795962	Sequence 795962,
C 33	73	2.3	528	6	US-09-925-065A-851225	Sequence 851225,
C 34	73	2.3	592	6	US-09-925-065A-939765	Sequence 939765,
C 35	72.8	2.3	201	8	US-10-995-561-35174	Sequence 35174, A
C 36	72.8	2.3	149382	8	US-10-995-561-13272	Sequence 13272, A
C 37	72.6	2.3	578	10	US-10-301-480-570705	Sequence 570705,
C 38	72.6	2.3	578	10	US-10-301-480-1184114	Sequence 1184114,
C 39	72.6	2.3	807	10	US-10-301-480-536459	Sequence 536459,
C 40	72.6	2.3	807	10	US-10-301-480-1149868	Sequence 1149868,
C 41	72.6	2.3	191797	14	US-11-121-086-13	Sequence 13, Appl1
C 42	72.2	2.3	581	6	US-09-925-065A-254266	Sequence 254266,
C 43	72.2	2.3	582	10	US-10-301-480-333232	Sequence 333232,
C 44	72.2	2.3	582	10	US-10-301-480-946641	Sequence 946641,
C 45	72.2	2.3	592	6	US-09-925-065A-676298	Sequence 676298,

ALIGNMENTS

RESULT 1
US-10-821-234-75
; Sequence 75, Application US/10821234
; Publication No. US200505511441
; GENERAL INFORMATION:
; APPLICANT: Labat, Ivan
; APPLICANT: Stache-Crain, Birgit
; APPLICANT: Andarmani, Susan
; APPLICANT: Tang, Y. Tom
; TITLE OF INVENTION: Methods for Diagnosis and Treatment of Preeclampsia
; FILE REFERENCE: 821A
; CURRENT APPLICATION NUMBER: US/10/821,234
; CURRENT FILING DATE: 2004-04-07
; PRIOR APPLICATION NUMBER: US 60/462,047
; PRIOR FILING DATE: 2003-04-07
; NUMBER OF SEQ ID NOS: 1704
; SOFTWARE: pt_SEQ_genes Version 1.0
; SEQ ID NO 75
; LENGTH: 3659
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-821-234-75

Query Match	11.7%	Score	364.6	DB	8	Length	3659
Best Local Similarity	88.3%	Pred. No.	1.2e-50				
Matches	462	Conservative	0	Mismatches	34	Indels	27
Gaps	5						
QY	2500	TAATTTTTTACAGCTTATAACACAACTTTTATTAGAAAGTTATACATACACAGCATC	2559				
Db	3	TTTTTTTTTACAGCTTATAACACAACTTTTATTAGAAAGTTATACATACATACATACATC	62				
QY	2560	AACTATTTTTCAG-----AACCCCAATAGCAACAAACCAAGCTAACCAAAATGT	2609				
Db	63	AACTATTTTTCAGAAACAATATTAAACCCGATAGCAACAAACCAAGCTAACCAAAATGT	122				
QY	2610	GTAACAAGAACTAATGACCTTTCTAAAAATCAAACTTATCATATATACAAATGCTCTATTT	2669				
Db	123	GTAACAAGAACTAATGACCTTTCTAAAAATCAAACTTATCATATATACAAATGCTCTATTT	182				
QY	2670	ACAAACAGGAAACTCCATGTTTACAGGCATGTGCATATTGAAAAATAAGCTGCATATAG	2729				

Db 183 ACAACGGGGAAACCTCTGGTTTACAGGCACATCATATTGAATATAAAGCTGCAATAG 242
QY 2730 C-TTTTATACAAATTATCGTCTCAAGAAATGAATCAATTAAGACAGTAAATTAGGAGTTC 2788
Db 243 CAATTTTATACAAATTACCACCTCTGAAGAAACTGAATCATTAATAAACAAGTAATACGAGTTC 302
QY 2789 ACAAAATTTAAACAAATTTACGTAATTTTAAATTTATTTGTTCTTCAATAATTTTAAATTTATTTG 2848
Db 303 ACAAAATTTAAACAAATTTACATATTTTAAATTTATTTGGGT-----ATACACTG 350
QY 2849 AGCTGAGTTTCAAAAGTGA-----TTTTTCCCAAAAGGTGCCAACACTTAAGCTAGAG 2905
Db 351 AAGTCTGAGTTTCAAAAGTGAATTTTTCCTCCCAAAAGTTTCAACACTTAAGCTAGAA 410
QY 2906 CTTTCAGTGTAACTTTGGCCCT-AAAAGTTTAAGACATATTTCTGAGATCATATAATGCTCAC 2964
Db 411 CTTTCAGTGTAACTTTGGCCCTAAAAGTTTAAGACATATTTCTGATATATAACAGTCAAC 470
QY 2965 ATGATTTCTGATGCTATCTGCTCTGTTTAATAACAAAGATTTC 3007
Db 471 ATGATTTCTGATGCTATCTGCTCTGTTTAATAATAAGTCTTTA 513

RESULT 2

US-11-112-908-4/c

; Sequence 4, Application US/11112908

; Publication No. US20050260659A1

; GENERAL INFORMATION:

; APPLICANT: Harris, Cole

; TITLE OF INVENTION: Breast Cancer Biomarkers

; FILE REFERENCE: 04-164-US

; CURRENT APPLICATION NUMBER: US/11/112,908

; CURRENT FILING DATE: 2005-04-22

; PRIOR APPLICATION NUMBER: US 60/564,758

; PRIOR FILING DATE: 2004-04-23

; PRIOR APPLICATION NUMBER: US 60/575,978

; PRIOR FILING DATE: 2004-06-01

; PRIOR APPLICATION NUMBER: US 60/631,702

; PRIOR FILING DATE: 2004-11-30

; PRIOR APPLICATION NUMBER: US 60/633,826

; PRIOR FILING DATE: 2004-12-07

; NUMBER OF SEQ ID NOS: 511

; SOFTWARE: PatentIn version 3.3

; SEQ ID NO 4

; LENGTH: 3647

; TYPE: DNA

; ORGANISM: Homo sapiens

US-11-112-908-4

Query Match 11.4%; Score 356.2; DB 14; Length 3647;

Best Local Similarity 88.3%; Pred. No. 3e-49;

Matches 453; Conservative 0; Mismatches 33; Indels 27; Gaps 5;

QY 2510 ACAGCTTATAACCAACCTTTTATTAGAAAAGTTTATACATAACACAGCATCAACTATTTTC 2569
Db 3647 ACAGCTTATAACCAACCTTTTATTAGAAAAGTTTATACATAACAGTAGCATCAACTATTTTC 3588
QY 2570 AAG-----AACCCCAATAAGCAACAAAAACAGACTAAACAAATGTGTAAACAGAA 2619
Db 3587 AAGAACAAATATTAAACCCGATAGCAACAAAAACAGACTAAACAAATGTGTAAACAGAA 3528
QY 2620 ACTAATGACCTTTCTAAAAATCAACATTCATTTATCTACAATGTCTATTATTAACAAACAGGG 2679
Db 3527 ACTAATGACCTTTCTAAAAATCAACATTCATTTATCTACAATGTCTTTTACAAACCGGG 3468
QY 2680 AAAAATCCATGTTTACAGCATGTCTATTTGAAAATAAAGCTGCAATAGC-TTTTATATA 2738
Db 3467 AAAAATCCATGTTTACAGGCACATCATATTGTAATATAAAGCTGCAATAGCAATTTTATA 3408
QY 2739 CAATTTATCGTCTCAAGAAAATGAATCATTTAAGACAGTAAATTAGGAGTTTCACAAATTTAA 2797
Db 3407 CAATTTATCGTCTCAAGAAAATGAATCATTTAAGACAGTAAATTAGGAGTTTCACAAATTTAA 3348

QY 2799 AACATTTACGTAATTTTAAATTTATTTGTTCTTCAATAAATTTTAAATTTATTTGAAGTCTGACT 2858
Db 3347 AACATTTACATAAATTTTAAATTTATTTGGT-----ATACACTGAAGTCTGACT 3300
QY 2859 TTTCAAAAGTGA--TTTTTCCCAAAAGGTGCCAACACTTTAAGCTAGAGCTTTTCAGTGT 2915
Db 3299 TTTCAAAAGTGAATTTTTCCTCCCAAAAGTTTCAACACTTTAAGCTAGAACTTTTCAGTGT 3240
QY 2916 TTAACCTTGGCCCT-AAAAGTTTAAGACATATTTCTGAGATCATATAATAGTCAATGATTTCTG 2974
Db 3239 TTAACCTTGGCCCTAAAAGTTTAAGACATATTTCTGATAATCATAAACAGTCAATGATTTCTG 3180
QY 2975 ATGCTATCTGCTCTGTTTAATAACAAAGATTTC 3007
Db 3179 ATGCTATCTGCTCTGTTTAATAATAAGTCTTTA 3147

RESULT 3

US-11-112-908-32

; Sequence 32, Application US/11112908

; Publication No. US20050260659A1

; GENERAL INFORMATION:

; APPLICANT: Harris, Cole

; TITLE OF INVENTION: Breast Cancer Biomarkers

; FILE REFERENCE: 04-164-US

; CURRENT APPLICATION NUMBER: US/11/112,908

; CURRENT FILING DATE: 2005-04-22

; PRIOR APPLICATION NUMBER: US 60/564,758

; PRIOR FILING DATE: 2004-04-23

; PRIOR APPLICATION NUMBER: US 60/575,978

; PRIOR FILING DATE: 2004-06-01

; PRIOR APPLICATION NUMBER: US 60/631,702

; PRIOR FILING DATE: 2004-11-30

; PRIOR APPLICATION NUMBER: US 60/633,826

; PRIOR FILING DATE: 2004-12-07

; NUMBER OF SEQ ID NOS: 511

; SOFTWARE: PatentIn version 3.3

; SEQ ID NO 32

; LENGTH: 193363

; TYPE: DNA

; ORGANISM: Homo sapiens

US-11-112-908-32

Query Match 11.1%; Score 346.6; DB 14; Length 193363;

Best Local Similarity 87.1%; Pred. No. 3.3e-47;

Matches 447; Conservative 0; Mismatches 39; Indels 27; Gaps 5;

QY 2509 TACAGCTTATAACCAACCTTTTATTAGAAAAGTTTATACATAACACAGCATCAACTATTTT 2568
Db 73712 TACAGCTTATAACCAACCTTTTATTAGAAAAGTTTATACATAACAGTAGCATCAACTATTTT 73771
QY 2569 CAAG-----AACCCCAATAAGCAACAAAAACAGACTAAACAAATGTGTAAACAGAA 2618
Db 73772 CAAGAACAAATATTAAACCCGATAGCAACAAAAACAGACTAAACAAATGTGTAAACAGAA 73831
QY 2619 AACTAATGACCTTTCTAAAAATCAACATTCATTTATCTACAATGTCTATTATTACAAACAGG 2678
Db 73832 AACTAATGACCTTTCTAAAAATCAACATTCATTTATCTACAATGTCTTTTACAAACCGGG 73891
QY 2679 GAAACCTCCATGGTTTACAGGCATGTCTATTTGAAAATAAAGCTGCAATAGC-TTTTATAT 2737
Db 73892 GAAACCTCCATGGTTTACAGGCACATCATATTGTAATGTAAAGCTGCAATAGCAATTTTAT 73951
QY 2738 ACAATTTATCGTCTCAAGAAAATGAATCATTTAAGACAGTAAATTAGGAGTTTCACAAATTTA 2797
Db 73952 ACAATTTATCGTCTCAAGAAAATGAATCATTTAAGACAGTAAATTAGGAGTTTCACAAATTTA 74011
QY 2798 AACATTTACGTAATTTTAAATTTATTTGTTCTTCAATAAATTTTAAATTTATTTGAAGTCTGAG 2857
Db 74012 AACATTTACATAAATTTTAAATTTATTTGGT-----ATACACTGAAGTCTGAG 74059

Db 429 GCATAAACAACCTCTGTTATTTCAGTTTTTACTCTCGGAATTTTACCAGATATACATAAGCA 488
Qy 2605 AATGTGTAACAAGAACTAATGACCTTCTTAAATCAACACATTCAATTTATCTACAAT 2661
Db 489 AAATGGAAGAATAATCTTATATATTTTAAAGTTAATACTTCTCTTAACATTAAT 545

RESULT 8
US-09-925-065A-635846
; Sequence 635846, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827,135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 635846
; LENGTH: 584
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-635846

Query Match 2.4%; Score 75; DB 6; Length 584;
Best Local Similarity 66.3%; Pred. No. 0.004;
Matches 108; Conservative 0; Mismatches 55; Indels 0; Gaps 0;

Qy 2948 AGAATCATATAGTCACATGATTTCTGATGCTATCTGCTGTTAAATAACAAGATTTC 3007
Db 143 AGCATTAGAAGATATACCTAATGTAATGATGGGTTAATGGTGCAGCACCAACATGG 202
Qy 3008 CACATGATACCTATGTAAACAAATCCATCTCTACACATATACCCAGAACCTTAAAGT 3067
Db 203 CACATGGATACATATGTAAACAACTGCACGCTGTGCATGTACCTAGAACTTAAAGT 262
Qy 3068 ATAATAATAATAAACATAGCAAGCCCTTTAAAAAAGAAAAA 3110
Db 263 ATAATAATAATAAAAAAACAACAAACAAACAAACAAACAA 305

RESULT 9
US-09-925-065A-304160/c
; Sequence 304160, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827,135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846

; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 304160
; LENGTH: 559
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-304160

Query Match 2.4%; Score 74.4; DB 6; Length 559;
Best Local Similarity 75.0%; Pred. No. 0.005;
Matches 93; Conservative 0; Mismatches 31; Indels 0; Gaps 0;

Qy 2989 GTTAATAACAAGATTTCACACATGATACCTATGTAACAAATCTCCATGTTCTTACACAT 3048
Db 326 GTCAGCACACCAATATGCGACATGTATACATATGTAACAACTGCGACATTTGTCACAT 267
Qy 3049 ATACCCAGAACCTTAAAGTATATATATATAATAACATAGCAAGCCCTTTAAAAAAGAAAA 3108
Db 266 GTACCCCTAAACCTTAAAGTATATAATAATAATAATAATAATAATAATAATAATAATA 207
Qy 3109 AAAA 3112
Db 206 AGAA 203

RESULT 10
US-10-301-480-498555
; Sequence 498555, Application US/10301480
; Publication No. US20060057564A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827,137
; CURRENT APPLICATION NUMBER: US/10/301,480
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 1226818
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 498555
; LENGTH: 566
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-301-480-498555

Query Match 2.4%; Score 74.2; DB 10; Length 566;
Best Local Similarity 65.8%; Pred. No. 0.0054;
Matches 106; Conservative 1; Mismatches 54; Indels 0; Gaps 0;

Qy 2949 GAATCATATATAGTCACATGATTTCTGATGCTATCTGCTGTTAAATAACAAGATTTCAC 3008
Db 4 GCATTAGGAGAAATACCTAATGTAATGATGAGTTGATGGTGCAGCACCAACATGGC 63
Qy 3009 ACATGATACCTATGTAACAAATCTCCATGTTCTTACACATATACCCAGAACCTTAAAGTA 3068
Db 64 ACATGATACCTATGTAACAAACCTGCACGTTGTGCACATGTACCCCTAGAACTTGAAGTA 123
Qy 3069 TAATAATAATAAACATAGCAAGCCCTTTAAAAAAGAAAAA 3109
Db 124 TAAYATAAAAAAAGATATTAACATTTTAAACACAAAAA 164

RESULT 11
US-10-301-480-1111964
; Sequence 1111964, Application US/10301480
; Publication No. US20060057564A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms

```
; TITLE OF INVENTION: in the Human Genome
; FILE REFERENCE: 108827.137
; CURRENT APPLICATION NUMBER: US/10/301,480
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 1226818
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1111964
; LENGTH: 566
; TYPE: DNA
; ORGANISM: Homo sapien
; US-10-301-480-1111964

Query Match      2.4%; Score 74.2; DB 10; Length 566;
Best Local Similarity 65.8%; Pred. No. 0.0054;
Matches 106; Conservative 1; Mismatches 54; Indels 0; Gaps 0;

QY 2949 GAATCATAATAGTCACATGATTTCTGATGCTATCTCTGTTTAATAACAAGATTTCAC 3008
Db 4 GCATTAGGAGAAATACCTAATGTAATGATGAGTTGATGGTGCAGCACCAACATGGC 63

QY 3009 ACATGATACCTATGTAAACAATCTCCATGTTCTACACATATACCCAGAACTTAAAGTA 3068
Db 64 ACATGATACCTATGTAAACAATCTCCATGTTCTGACATGTGACCTAGAACTTGAAGTA 123

QY 3069 TAATAATAATAAACATAGCAAGCCTTTTAAAAAAGAAAAA 3109
Db 124 TAAYATAAAAAAGATATTAAACATTTTAAACAAAAA 164
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```
RESULT 12
US-09-925-065A-870974/c
; Sequence 870974, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 870974
; LENGTH: 647
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-925-065A-870974

Query Match      2.4%; Score 74.2; DB 6; Length 647;
Best Local Similarity 65.3%; Pred. No. 0.0056;
Matches 109; Conservative 0; Mismatches 58; Indels 0; Gaps 0;

QY 2948 AGAATCATAATAGTCACATGATTTCTGATGCTATCTCTGTTTAATAACAAGATTTC 3007
Db 447 AGCATTAGGAGAAATACCTAATGTAATGATGAGTTGATGGTGCAGCAACCAACATGG 388

QY 3008 CACATGAATACCTATGTAAACAATCTCCATGTTCTACACATATACCCAGAACTTAAAGT 3067
Db 387 CACATGTATACCTATGTATCGAACCTGATGCTGTCATGTTGACATGTACCTAGAACTTAAAGT 328
```

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QY 3068 ATAATAATAATAAACATAGCAAGCCTTTTAAAAAAGAAAAA 3114
Db 327 ATAATAATAATAATAATAATAATAATAACGTTTCATAACAAGAAAAA 281

RESULT 13
US-09-925-065A-436943
; Sequence 436943, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 436943
; LENGTH: 560
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-925-065A-436943
```

```
Query Match      2.4%; Score 73.8; DB 6; Length 560;
Best Local Similarity 73.2%; Pred. No. 0.0062;
Matches 93; Conservative 1; Mismatches 33; Indels 0; Gaps 0;

QY 2983 TGCTCTGTTTAATAACAAGATTTCACACATGATGATTAACAAGTTCCATCTTCT 3042
Db 32 TGATGGTGCAGCACACCAACATGGCATGTATACCTATGTATGATTAACAAGTTCCATCTTCT 91

QY 3043 ACACATATACCCAGAACTTTAAAGTATAATAATAAACATAGCAAGCCTTTTAAAAA 3102
Db 92 GCATGTACCCCTAGAACTTGAGTATAATAATAAACATATTTAAACATTTTAAACA 151

QY 3103 AAAAAA 3109
Db 152 AAAAAA 158
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```
RESULT 14
US-09-925-065A-724976/c
; Sequence 724976, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
```



```
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 724976
; LENGTH: 861
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-724976

Query Match      2.4%; Score 73.8; DB 6; Length 861;
Best Local Similarity 64.7%; Pred. No. 0.007;
Matches 108; Conservative 1; Mismatches 58; Indels 0; Gaps 0;

Qy 2948 AGAATCATATAGTCACATGTTCTGATGCTATCTGCTGTTAATAACAAGATTTC 3007
Db 732 AGCATTAGGAGATATACCTATGTAATGACACAGTTAATGGATGCAGCACCAACATGG 673

Qy 3008 CACATGAATACCTATGTAACAAATCTCCATGTTCTACACATATATACCCAGAACTTAAAGT 3067
Db 672 CACATGTATACATATGTAACAAACCTGCATATTTGTCACATGTACCTTAAACTTAAAGT 613

Qy 3068 ATAATAATAATAAACATAGCAAGCCCTTTAAAAAATAAAAAA 3114
Db 612 ATAATAATAATAAAAAATAATAATAATAAAAAATAAAAAA 566

RESULT 15
US-09-925-065A-87038
; Sequence 87038, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925.065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 87038
; LENGTH: 565
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-87038

Query Match      2.4%; Score 73.6; DB 6; Length 565;
Best Local Similarity 64.9%; Pred. No. 0.0067;
Matches 109; Conservative 0; Mismatches 59; Indels 0; Gaps 0;

Qy 2947 GAGAAATCATATAGTCACATGTTCTGATGCTATCTGCTGTTAATAACAAGATTTC 3006
Db 388 GAGCAATTAGGAGATATACCTTAACGTAATAATGACAAAGTTAATGGGTGCAGCACCAACATG 447

Qy 3007 ACACATGAATACCTATGTAACAAATCTCCATGTTCTACACATATACCCAGAACTTAAAG 3066
Db 448 GCACATGTATACCTATGTAACAAACCTGCAGTTGTGCACATGTACCTTAGAACTTAAAG 507

Qy 3067 TATAATAATAATAAACATAGCAAGCCCTTTAAAAAATAAAAAA 3114
Db 508 TATAATAATAATAATAATAAAAAAGTTGGAAAAAATAAGAGAA 555
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Search completed: March 28, 2006, 10:23:34
Job time : 1350.65 secs

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GenCore version 5.1.7
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OM nucleic - nucleic search, using sw model

Run on: March 28, 2006, 09:11:15 ; Search time 271.348 Seconds
(without alignments)
9210.981 Million cell updates/sec

Title: US-09-766-511B-52

Perfect score: 627
Sequence: 1 atgatgaagagcagcaacc.....agatgaataagatttaccta 627

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 9258654 seqs, 1993127192 residues

Total number of hits satisfying chosen parameters: 18517308

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

- Published Applications NA New:*
- 1: /SIDSS5/ptodata/1/pubpna/US08_NEW_PUB_seq.*
 - 2: /SIDSS5/ptodata/1/pubpna/US06_NEW_PUB_seq.*
 - 3: /SIDSS5/ptodata/1/pubpna/US07_NEW_PUB_seq.*
 - 4: /SIDSS5/ptodata/1/pubpna/PCT_NEW_PUB_seq.*
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 - 9: /SIDSS5/ptodata/1/pubpna/US10_NEW_PUB_seq.*
 - 10: /SIDSS5/ptodata/1/pubpna/US10_NEW_PUB_seq.*
 - 11: /SIDSS5/ptodata/1/pubpna/US11_NEW_PUB_seq.*
 - 12: /SIDSS5/ptodata/1/pubpna/US11_NEW_PUB_seq.*
 - 13: /SIDSS5/ptodata/1/pubpna/US11_NEW_PUB_seq.*
 - 14: /SIDSS5/ptodata/1/pubpna/US11_NEW_PUB_seq.*
 - 15: /SIDSS5/ptodata/1/pubpna/US60_NEW_PUB_seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	44.2	7.0	1364	US-11-000-688-183	Sequence 183, App
2	43.6	7.0	1659	US-11-152-697-8	Sequence 8, Appli
3	43.6	7.0	3039	US-11-152-697-1	Sequence 1, Appli
4	37.8	6.0	5439	US-09-925-065A-466884	Sequence 466884,
5	34.8	5.6	52192	US-10-995-561-13231	Sequence 13231, A
6	34.6	5.5	18959	US-11-085-320-268	Sequence 268, App
7	34.4	5.5	635	US-09-925-065A-796643	Sequence 796643,
8	34.2	5.5	585	US-09-925-065A-931794	Sequence 931794,
9	34.2	5.5	587	US-09-925-065A-932541	Sequence 932541,
10	34.2	5.5	6507	US-10-932-182A-802	Sequence 802, App
11	34.2	5.5	6507	US-10-932-182A-802	Sequence 802, App
12	34	5.4	625	US-09-925-065A-947330	Sequence 947330,
13	34	5.4	220895	US-10-775-169-88	Sequence 88, Appl
14	33.8	5.4	741	US-10-301-480-601384	Sequence 601384,
15	33.8	5.4	741	US-10-301-480-1214793	Sequence 1214793,
16	33.8	5.4	1400	US-11-136-527-4351	Sequence 4351, Ap
17	33.8	5.4	4554	US-11-136-527-255	Sequence 255, App
18	33.6	5.4	1457619	US-11-098-686-8739	Sequence 8739, Ap

ALIGNMENTS

RESULT 1

US-11-000-688-183

Sequence 183, Application US/11000688

Publication No. US20050287544A1

GENERAL INFORMATION:

APPLICANT: BERTUCCI, Francois

APPLICANT: HOULGATTE, Remi

APPLICANT: BIRNBAUM, Daniel

TITLE OF INVENTION: GENE EXPRESSION PROFILING OF COLON CANCER WITH DNA ARRAYS

FILE REFERENCE: 1423-R-03

CURRENT APPLICATION NUMBER: US/11/000,688

CURRENT FILING DATE: 2004-12-01

PRIOR APPLICATION NUMBER: US 60/525,987

PRIOR FILING DATE: 2003-12-01

NUMBER OF SEQ ID NOS: 1596

SOFTWARE: PatentIn version 3.2

SEQ ID NO 183

LENGTH: 1364

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

FEATURE:

NAME/KEY: misc feature

LOCATION: (1)-(1364)

OTHER INFORMATION: killer cell lectin-like receptor subfamily

OTHER INFORMATION: d, member 1 (KLRL1) gene.

US-11-000-688-183

Query Match 7.0%; Score 44.2; DB 14; Length 1364;

Best Local Similarity 53.1%; Pred. No. 0.024;

Matches 94; Conservative 0; Mismatches 83; Indels 0; Gaps 0;

QY 201 CAGTGAAGGACAAAGTCCAGCTGGGATGTTGCCAGCTTCTTGAAGTCAATTGG 260

Db 407 CATGAACCTCCAGAAAGACTCTGACTGCTGTTCTTCCCAAGAAAATGGTGGTACCG 466

QY 261 TTCCAGTTGCTACTTTCATTTCCAGTCAAGAGGTTTGGTCTTAAGAGTACGACACTGG 320

Db 467 GTGCAACTGTTACTTTCATTTCCAGTCAAGAGGTTTGGTCTTAAGAGTACGACACTGG 526


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; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-995-561-13231

Query Match      5.6%; Score 34.8; DB 8; Length 52192;
Best Local Similarity 54.8%; Pred. No. 95;
Matches 69; Conservative 0; Mismatches 57; Indels 0; Gaps 0;

Qy 77 TTTCATTGCACCTCTCAGTCTGCTTTCATTGTGAGCTGTGTAGTAACCTTACCATTTTA 136
Db 10878 TTCCATTTCACGTGCACAGTCCGTGGCCAGGCGCAGGTATGCAGTAGTTACTCAATACA 10819

Qy 137 CATATGTGAACTGGCAAAAGGTCTGTGAACCTACACTCATATCATCTTAAGTCTACCT 196
Db 10818 TGAATGGGTGAATTAAGTAGAGGGGTGCGAGGGTGTCTGTGAATCCAGCTCTAACCT 10759

Qy 197 GCTTCA 202
Db 10758 GTTTCA 10753

RESULT 6
US-11-085-320-268/c
; Sequence 268, Application US/11085320
; Publication No. US20060057605A1
; GENERAL INFORMATION:
; APPLICANT: Sampath, Rangarajan
; APPLICANT: Hall, Thomas A.
; APPLICANT: Behoo, Mark W.
; TITLE OF INVENTION: COMPOSITIONS FOR USE IN IDENTIFICATION OF VIRAL HEMORRHAGIC FEVER
; FILE REFERENCE: IBIS0073-100 (DIBIS-0056U51)
; CURRENT APPLICATION NUMBER: US/11/085,320
; CURRENT FILING DATE: 2005-03-21
; NUMBER OF SEQ ID NOS: 275
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 268
; LENGTH: 18959
; TYPE: DNA
; ORGANISM: Ebola Zaire virus
; FEATURE:
US-11-085-320-268

Query Match      5.5%; Score 34.6; DB 11; Length 18959;
Best Local Similarity 54.3%; Pred. No. 64;
Matches 70; Conservative 0; Mismatches 59; Indels 0; Gaps 0;

Qy 264 CAGTTGCTACTTCATTTCCAGTGNAGAGAAGTTTGGTCTTAAGTGCAGCAGAACTGTGT 323
Db 1700 CAGTGATAGCTTCTGTGCAGCTTGCCAGCGCTCTTTCTTAGAGTTACCATAGCGTTG 1641

Qy 324 TGAGATGGGAGCAGCATTTGGTTGGTTCAACACAGAGCAGAGCAGAGAAATTCATTGTC 383
Db 1640 TTGCTGGAAGCTGATTTTCGTTCTTTCTTGATGAAGTTTCATAAGAAATTTCTTCTCT 1581

Qy 384 GCAGCTGAA 392
Db 1580 GATCATCAA 1572

RESULT 7
US-09-925-065A-796643/c
; Sequence 796643, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 931794
; LENGTH: 585
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-925-065A-931794

Query Match      5.5%; Score 34.2; DB 6; Length 585;
Best Local Similarity 51.7%; Pred. No. 14;
Matches 75; Conservative 1; Mismatches 69; Indels 0; Gaps 0;

Qy 370 AATTTTCATTGTCCAGCAGCTGAATGAGTCATTTTCTTATTTTCTGGGGCTTTTCAGACCCA 429
Db 331 AATTAGATTGTCTCCACCGGATTGAGGGTGGATCTGCCCTTTCCCAACCCCACTGACTCA 272

Qy 430 CAAGGTAATAAATTAATGGCAATGGATGATAGACACCTTATAGAGAAAATGTGAGATTT 489
Db 271 AATGTTAAATCTCTTTTGGCAATACCTTCACAGACACACCCAGGATAAATCTTATATCC 212

Qy 490 TGGCACCCTAGGTGAGCCCAATCAT 514
Db 211 TTCAATCAAGTTGACACCCAGTATT 187
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; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 796643
; LENGTH: 635
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-925-065A-796643

Query Match      5.5%; Score 34.4; DB 6; Length 635;
Best Local Similarity 57.4%; Pred. No. 13;
Matches 62; Conservative 0; Mismatches 46; Indels 0; Gaps 0;

Qy 355 ACAGAGCAGACAGCAAAATTTTCATTTGCCAGACGCTGAATGAGTCATTTTCTTATTTCTG 414
Db 163 ATAGAAGAAGAACAAATCTCAGGAACCTGCAGGACATATAACAAAAGATCTAATATACAT 104

Qy 415 GGGCTTTTCAGACCCCAAGTAAATATAATTTGCCAATGCAATGCATTAAG 462
Db 103 GTTATTGAAGTCTCAAAAGCAAGTATATATATAGAAAGGCACATAAAAAG 56

RESULT 8
US-09-925-065A-931794/c
; Sequence 931794, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 931794
; LENGTH: 585
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-925-065A-931794

Query Match      5.5%; Score 34.2; DB 6; Length 585;
Best Local Similarity 51.7%; Pred. No. 14;
Matches 75; Conservative 1; Mismatches 69; Indels 0; Gaps 0;

Qy 370 AATTTTCATTGTCCAGCAGCTGAATGAGTCATTTTCTTATTTTCTGGGGCTTTTCAGACCCA 429
Db 331 AATTAGATTGTCTCCACCGGATTGAGGGTGGATCTGCCCTTTCCCAACCCCACTGACTCA 272

Qy 430 CAAGGTAATAAATTAATGGCAATGGATGATAGACACCTTATAGAGAAAATGTGAGATTT 489
Db 271 AATGTTAAATCTCTTTTGGCAATACCTTCACAGACACACCCAGGATAAATCTTATATCC 212

Qy 490 TGGCACCCTAGGTGAGCCCAATCAT 514
Db 211 TTCAATCAAGTTGACACCCAGTATT 187
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RESULT 9
US-09-925-065A-923541
; Sequence 923541, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 923541
; LENGTH: 587
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-923541

Query Match      5.5%; Score 34.2; DB 6; Length 587;
Best Local Similarity 51.7%; Pred. No. 14;
Matches 75; Conservative 1; Mismatches 69; Indels 0; Gaps 0;

QY 370 AATTTCATGTCAGCAGCTGAATGAGTCAATTTCTTATTTCTGGGGCTTTCCAGACCCA 429
DB 255 AATTAGATTGCTCACCGGATGAGGGTGGATCTGCCCTTCCCARCCCGCTGACTCA 314

QY 430 CAAGGTAAATTAATGGCAATGATTAAGACACCTTATGAGAAAATGTCAGATTT 489
DB 315 AATGTTAATCTCTTGGCAATACCCCTCACAGACACACCCAGGATAAATCTTCATATCC 374

QY 490 TGGCACCTAGGTGAGCCCAATCAT 514
DB 375 TTCAATCAAGTTGACACCCAGTATT 399

RESULT 10
US-10-932-182A-802/c
; Sequence 802, Application US/10932182A
; Publication No. US20060046253A1
; GENERAL INFORMATION:
; APPLICANT: NAKAO, YOSHIHIRO
; APPLICANT: NAKAMURA, NORIHISA
; APPLICANT: KODAMA, YUKIKO
; APPLICANT: FUJIMURA, TOMOKO
; APPLICANT: ASHIKARI, TOSHIHIKO
; TITLE OF INVENTION: METHODS FOR ANALYZING GENES OF INDUSTRIAL YEASTS
; FILE REFERENCE: 030685-043
; CURRENT APPLICATION NUMBER: US/10/932,182A
; CURRENT FILING DATE: 2004-09-02
; NUMBER OF SEQ ID NOS: 197023
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 802
; LENGTH: 6507
; TYPE: DNA
; ORGANISM: Saccharomyces pastorianus
US-10-932-182A-802

Query Match      5.5%; Score 34.2; DB 9; Length 6507;
Best Local Similarity 49.2%; Pred. No. 49;
Matches 90; Conservative 0; Mismatches 93; Indels 0; Gaps 0;

QY 170 TACACTCATATCATTCNAAGTCTCAGTGAAGGGACAAAGGTGCCAGCTGGG 229
DB 3763 TAAAGTCAGAGTAATGGTTTTTCCACCAAGTCAGTATAGCTTCAGCGGCGCCAAATTGGA 3704

QY 230 GATGTTGCCAGCTCTTTGGAAAGTCATTTTGGTTCCAGTTGCTACTTCAATTCAGTGAAG 289
DB 3703 TTTTGGCCATATAAAACAGGGTTTACATTTTTTTCGTCGAGAACCTTCATGTCCCATACAG 3644

QY 290 AGAAGTTTGGTCTAAGAGTGAGCAGAACTGTGTTGAGATGGAGCAGACATTTGGTTGTGT 349
DB 3643 GAAAAATTTTGATTGTTAAAGGCTTAACGATGAAGATGCTATGTAGCATCCTCTGTCAATT 3584

QY 350 TCA 352
DB 3583 TCA 3581

RESULT 11
US-10-932-182A-802/c
; Sequence 802, Application US/10932182A
; Publication No. US20060046253A1
; GENERAL INFORMATION:
; APPLICANT: NAKAO, YOSHIHIRO
; APPLICANT: NAKAMURA, NORIHISA
; APPLICANT: KODAMA, YUKIKO
; APPLICANT: FUJIMURA, TOMOKO
; APPLICANT: ASHIKARI, TOSHIHIKO
; TITLE OF INVENTION: METHODS FOR ANALYZING GENES OF INDUSTRIAL YEASTS
; FILE REFERENCE: 030685-043
; CURRENT APPLICATION NUMBER: US/10/932,182A
; CURRENT FILING DATE: 2004-09-02
; NUMBER OF SEQ ID NOS: 197023
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 802
; LENGTH: 6507
; TYPE: DNA
; ORGANISM: Saccharomyces pastorianus
US-10-932-182A-802

Query Match      5.5%; Score 34.2; DB 9; Length 6507;
Best Local Similarity 49.2%; Pred. No. 49;
Matches 90; Conservative 0; Mismatches 93; Indels 0; Gaps 0;

QY 170 TACACTCATATCATTCNAAGTCTCAGTGAAGGGACAAAGGTGCCAGCTGGG 229
DB 3763 TAAAGTCAGAGTAATGGTTTTTCCACCAAGTCAGTATAGCTTCAGCGGCGCCAAATTGGA 3704

QY 230 GATGTTGCCAGCTCTTTGGAAAGTCATTTTGGTTCCAGTTGCTACTTCAATTCAGTGAAG 289
DB 3703 TTTTGGCCATATAAAACAGGGTTTACATTTTTTTCGTCGAGAACCTTCATGTCCCATACAG 3644

QY 290 AGAAGTTTGGTCTAAGAGTGAGCAGAACTGTGTTGAGATGGAGCAGACATTTGGTTGTGT 349
DB 3643 GAAAAATTTTGATTGTTAAAGGCTTAACGATGAAGATGCTATGTAGCATCCTCTGTCAATT 3584

QY 350 TCA 352
DB 3583 TCA 3581

RESULT 12
US-09-925-065A-947330/c
; Sequence 947330, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
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Result No.	Score	Query		Length	DB	ID	Description
		Match	%				
1	793	68.1	209	2	US-08-772-440-4	Sequence 4, Appli	
2	679	58.3	167	2	US-08-772-440-21	Sequence 21, Appl	
3	659	56.6	175	2	US-08-772-440-15	Sequence 15, Appl	
4	592.5	50.9	168	2	US-08-772-440-17	Sequence 17, Appl	
5	591	50.7	145	2	US-08-772-440-14	Sequence 14, Appl	
6	565	48.5	131	2	US-08-772-440-23	Sequence 23, Appl	
7	565	48.5	131	2	US-08-772-440-27	Sequence 27, Appl	
8	493	42.3	134	2	US-08-772-440-16	Sequence 16, Appl	
9	458	39.3	237	2	US-09-111-470-2	Sequence 2, Appli	
10	458	39.3	237	2	US-09-862-802A-2	Sequence 2, Appli	
11	458	39.3	237	2	US-09-949-002-406	Sequence 406, App	
12	436	37.4	238	2	US-09-111-470-8	Sequence 8, Appli	
13	436	37.4	238	2	US-09-862-802A-8	Sequence 8, Appli	
14	398.5	34.2	219	2	US-09-907-794A-377	Sequence 377, App	
15	398.5	34.2	219	2	US-09-905-125A-377	Sequence 377, App	
16	398.5	34.2	219	2	US-09-902-775A-377	Sequence 377, App	
17	398.5	34.2	219	2	US-09-906-700-377	Sequence 377, App	
18	398.5	34.2	219	2	US-09-903-603A-377	Sequence 377, App	
19	398.5	34.2	219	2	US-09-904-920A-377	Sequence 377, App	
20	398.5	34.2	219	2	US-09-909-064-377	Sequence 377, App	
21	398.5	34.2	219	2	US-09-905-381A-377	Sequence 377, App	
22	398.5	34.2	219	2	US-09-906-618-377	Sequence 377, App	
23	398.5	34.2	219	2	US-09-906-646-377	Sequence 377, App	
24	398.5	34.2	219	2	US-09-904-462-377	Sequence 377, App	
25	398.5	34.2	219	2	US-09-902-736A-377	Sequence 377, App	
26	398.5	34.2	219	2	US-09-906-722A-377	Sequence 377, App	
27	334.5	28.7	85	2	US-08-772-440-32	Sequence 32, Appl	


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;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 131 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
US-08-772-440-23

Query Match 48.5%; Score 565; DB 2; Length 131;
Best Local Similarity 73.3%; Pred. No. 1.5e-52;
Matches 96; Conservative 11; Mismatches 24; Indels 0; Gaps 0;

QY 79 CPASWKSFGSSCYFISSEKVKWSKSEONCVEMGAHLVVFNTAEQNFIVQQLNESFSYFL 138
Db 1 CPNHWSFGSSCYLSTKENFWSTSEONCVQMG AHLVVFNTAEQNFITQQLNESLSYFL 60

QY 139 GLSDPGQNNWQWIDKTPYEKNVRFWHLGEPNHSAEQCASIVFWKPTGWNVDVICETRR 198
Db 61 GLSDPGQNGKWQWIDTTPFSQNVRFWHPHPNLPPEERCYSIVVWNPFSKGMNDVFCDSKH 120

QY 199 NSICEMNKIYL 209
Db 121 NSICEMNKIYL 131

RESULT 7
US-08-772-440-27
; Sequence 27, Application US/08772440
; Patent No. 6046158
; GENERAL INFORMATION:
; APPLICANT: Ariizumi, Kiyoshi
; APPLICANT: Takashima, Akira
; TITLE OF INVENTION: UNIQUE DENDRITIC CELL-ASSOCIATED C-TYPE
; TITLE OF INVENTION: LECTINS, DECTIN-1 AND DECTIN-2; COMPOSITIONS AND USES
; TITLE OF INVENTION: THEREOF
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/772,440
; FILING DATE: CONCURRENTLY HERewith
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Parker, David L.
; REGISTRATION NUMBER: 32,165
; REFERENCE/DOCKET NUMBER: UTXD:493
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 131 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
US-08-772-440-27

Query Match 48.5%; Score 565; DB 2; Length 131;
Best Local Similarity 73.3%; Pred. No. 1.5e-52;
Matches 96; Conservative 11; Mismatches 24; Indels 0; Gaps 0;

QY 79 CPASWKSFGSSCYFISSEKVKWSKSEONCVEMGAHLVVFNTAEQNFIVQQLNESFSYFL 138
Db 1 CPNHWSFGSSCYLSTKENFWSTSEONCVQMG AHLVVFNTAEQNFITQQLNESLSYFL 60

;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 131 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
US-08-772-440-16

Query Match 42.3%; Score 493; DB 2; Length 134;
Best Local Similarity 57.5%; Pred. No. 7.6e-45;
Matches 96; Conservative 10; Mismatches 23; Indels 38; Gaps 4;

QY 1 MMQEQPQSTEXRG--WLSRLWSVAGISALLSACFIVSCVVTYFTYGETKRLSELH 58
Db 1 MVQERQSQG---KGVCW-TLRLWSAAVISMILLSTCTFIASCV----- 38

QY 59 SYHSSLTCTFSEGTKVPAWCCPASWKSFGSSCYFISSEKVKWSKSEONCVEMGAHLVVFN 118
Db 39 -----EKWGGCCPNHWSFGSSCYLSTKENFWSTSEONCVQMG AHLVVFN 84

QY 119 TEAQNFIVQQLNESFSYFLGLSDPGQNNWQWIDKTPYEKNVRFWHLGEPNHSAEQCASIVFWKPTGWNVDVICETRR 198
Db 85 TEAQNFITQQLNESLSYFLGLSDPGQNGKWQWIDTTPFSQNVRFWHPHPNLPPEERCYSIVVWNPFSKGMNDVFCDSKH 120

RESULT 9
US-09-111-470-2
; Sequence 2, Application US/09111470
; Patent No. 6277959
```

GENERAL INFORMATION:
APPLICANT: Valladeau, Jenny
APPLICANT: Ravel, Odile
APPLICANT: Bates, Elizabeth E.M.
APPLICANT: Ford, John
APPLICANT: Saeland, Sem
APPLICANT: Lebecque, Serge J.E.
TITLE OF INVENTION: Mammalian Membrane Protein Genes;
TITLE OF INVENTION: Related Reagents
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: DNAX Research Institute
STREET: 901 California Avenue
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/111,470
FILING DATE: 08-JUL-1998
CLASSIFICATION:
PRIORITY DATA:
APPLICATION NUMBER: US 60/053,080
FILING DATE: 09-JUL-1997
ATTORNEY/AGENT INFORMATION:
NAME: Ching, Edwin P.
REGISTRATION NUMBER: 34,090
REFERENCE/DOCKET NUMBER: SF0695
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650)852-9196
TELEFAX: (650)496-1200
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 237 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-111-470-2

Query Match 39.3%; Score 458; DB 2; Length 237;
Best Local Similarity 44.4%; Pred. No. 9.2e-41;
Matches 83; Conservative 34; Mismatches 66; Indels 4; Gaps 3;
Qy 26 ISIALSACFIVSCVVTYHFTYGETGKRLSELHSHYSLTCFSEGTKV--PANGCCPASW 83
Db 52 IFFLLLAISFFIAFVIFQ-KYSQLEKKTTELVTTLCEVKKNMPVEBTAWSCCPKNW 110
Qy 84 KSPGSSCYFISSEKVKWSKSEONCVENGALHVVFNTEAQNFIQQLNESFSYFLGLSDP 143
Db 111 KSPSSNCYFISTESASWQDSEKDCARMEHLLVINTQEQDFIQNLQESAYFVGLSDP 170
Qy 144 QGNNNQWIDKTPYEKNVRFHGLPEPNHSAEOCASIVFWK-PTGKGWNDVICETRRNSIC 202
Db 171 EGQRHWQVDQTPYNESSTFWHPRESDPNRCVNLNFRKSPKRWGNDVNCILGPQRSVC 230
Qy 203 EMNKIYL 209
Db 231 EMMKIHL 237

RESULT 10
US-09-862-802A-2
Sequence 2, Application US/09862802A
Patent No. 6756478
GENERAL INFORMATION:
APPLICANT: Valladeau, Jenny
APPLICANT: Ravel, Odile
APPLICANT: Bates, Elizabeth Ester Mary

APPLICANT: Ford, John
APPLICANT: Lebecque, Serge J.E.
APPLICANT: Saeland, Sem
TITLE OF INVENTION: Isolated Mammalian Membrane Protein Genes; Related Reagents
FILE REFERENCE: SF0695 B
CURRENT APPLICATION NUMBER: US/09/862,802A
CURRENT FILING DATE: 2001-05-22
PRIOR APPLICATION NUMBER: US 60/053,080
PRIOR FILING DATE: 1997-07-09
PRIOR APPLICATION NUMBER: US 09/111,470
PRIOR FILING DATE: 1998-07-08
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patent in version 3.1
SEQ ID NO 2
LENGTH: 237
TYPE: PRT
ORGANISM: Unknown
FEATURE:
OTHER INFORMATION: mammalian nucleic acid and protein
US-09-862-802A-2

Query Match 39.3%; Score 458; DB 2; Length 237;
Best Local Similarity 44.4%; Pred. No. 9.2e-41;
Matches 83; Conservative 34; Mismatches 66; Indels 4; Gaps 3;
Qy 26 ISIALSACFIVSCVVTYHFTYGETGKRLSELHSHYSLTCFSEGTKV--PANGCCPASW 83
Db 52 IFFLLLAISFFIAFVIFQ-KYSQLEKKTTELVTTLCEVKKNMPVEBTAWSCCPKNW 110
Qy 84 KSPGSSCYFISSEKVKWSKSEONCVENGALHVVFNTEAQNFIQQLNESFSYFLGLSDP 143
Db 111 KSPSSNCYFISTESASWQDSEKDCARMEHLLVINTQEQDFIQNLQESAYFVGLSDP 170
Qy 144 QGNNNQWIDKTPYEKNVRFHGLPEPNHSAEOCASIVFWK-PTGKGWNDVICETRRNSIC 202
Db 171 EGQRHWQVDQTPYNESSTFWHPRESDPNRCVNLNFRKSPKRWGNDVNCILGPQRSVC 230
Qy 203 EMNKIYL 209
Db 231 EMMKIHL 237

RESULT 11
US-09-949-002-406
Sequence 406, Application US/09949002
Patent No. 6900016
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH INFLAMMATORY AUTOIMMUNE DISEASE, METHODS OF DETECTION
TITLE OF INVENTION: AND USES THEREOF
FILE REFERENCE: CL000790
CURRENT APPLICATION NUMBER: US/09/949,002
CURRENT FILING DATE: 2000-01-28
PRIOR APPLICATION NUMBER: 60/231,401
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 10823
SOFTWARE: Past-SEQ for Windows Version 4.0
SEQ ID NO 406
LENGTH: 237
TYPE: PRT
ORGANISM: Human
US-09-949-002-406

Query Match 39.3%; Score 458; DB 2; Length 237;
Best Local Similarity 44.4%; Pred. No. 9.2e-41;
Matches 83; Conservative 34; Mismatches 66; Indels 4; Gaps 3;
Qy 26 ISIALSACFIVSCVVTYHFTYGETGKRLSELHSHYSLTCFSEGTKV--PANGCCPASW 83
Db 52 IFFLLLAISFFIAFVIFQ-KYSQLEKKTTELVTTLCEVKKNMPVEBTAWSCCPKNW 110
Qy 84 KSPGSSCYFISSEKVKWSKSEONCVENGALHVVFNTEAQNFIQQLNESFSYFLGLSDP 143

Db 111 KSFSNCYFISTESASQDSEKDCARMEAHLLVINTQEQDFIFQNLQESSAFVGLSDP 170
QY 144 QGNWQWIDKTPYEKNVRFWHLGEPNHSABOQASIVFWK-PTGKGWNDVICETRRNSIC 202
Db 171 EGRHWQWVDQTPYNESSTFWHPREPSDPNERCVVLNFRKSPKRWGNDVNCILGPQRSVC 230
QY 203 EMNKIYL 209
Db 231 EMMKIHL 237

RESULT 12
US-09-111-470-8
; Sequence 8, Application US/09111470
; Patent No. 6277959
; GENERAL INFORMATION:
; APPLICANT: Valladeau, Jenny
; APPLICANT: Ravel, Odile
; APPLICANT: Bates, Elizabeth E.M.
; APPLICANT: Ford, John
; APPLICANT: Saeland, Sem
; APPLICANT: Lebecque, Serge J.E.
; TITLE OF INVENTION: Mammalian Membrane Protein Genes;
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DNAX Research Institute
; STREET: 901 California Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/09/111,470
; FILING DATE: 08-JUL-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/053,080
; FILING DATE: 09-JUL-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Chang, Edwin P.
; REGISTRATION NUMBER: 34,090
; REFERENCE/DOCKET NUMBER: SF0695
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650)852-9196
; TELEFAX: (650)496-1200
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 238 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-111-470-8

Query Match 37.4%; Score 436; DB 2; Length 238;
Best Local Similarity 39.9%; Pred. No. 2.1e-38;
Matches 85; Conservative 45; Mismatches 73; Indels 10; Gaps 8;
QY 3 QEQQPQSTKRCWLSRLWSVAGISIALLSACFIVSCVVTYHYTGE-TGKRSLSELHSHYH 61
Db 30 REKPIRLKPGSPSLLTSLM-LLLLLLAIITFLVAFII-YFQKYSQLEEKKAANKIMH 87
QY 62 SSITCFSEGTGV--PANGCCPASWKSFGSSCYFIS--SEEKWSKSEQNCVEMGAHLVVF 117
Db 88 NELNCTKSVSPMEDKVMSCCPKDWRLFGSHCYLVPTVSSASWKNSEENCSRGAHLVVI 147
QY 118 NTEAEQNFIVQQLNESFSYFLGLSDPQGNNNQWIDKTPYEKNVRFWHLGEPNHSABOQA 177

Db 148 QSQEQDFITGILDTHAAVFIGLWD-TGHRQWQWVDQTPYESSITFWHNGEPSSGNEKCA 206
QY 178 SIVF-WKPTGKGWNDVICETRRNSICEMNKIYL 209
Db 207 TIIRWK-TGKGWNDISCSLKQKSVQCMKKIYL 238
RESULT 13
US-09-862-802A-8
; Sequence 8, Application US/09862802A
; Patent No. 6756478
; GENERAL INFORMATION:
; APPLICANT: Valladeau, Jenny
; APPLICANT: Ravel, Odile
; APPLICANT: Bates, Elizabeth Ester Mary
; APPLICANT: Ford, John
; APPLICANT: Lebecque, Serge J.E.
; APPLICANT: Saeland, Sem
; TITLE OF INVENTION: Isolated Mammalian Membrane Protein Genes; Related Reagents
; FILE REFERENCE: SF0695 B
; CURRENT APPLICATION NUMBER: US/09/862,802A
; CURRENT FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: US 60/053,080
; PRIOR FILING DATE: 1997-07-09
; PRIOR APPLICATION NUMBER: US 09/111,470
; PRIOR FILING DATE: 1998-07-08
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 238
; TYPE: PRT
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: mammalian nucleic acid and protein
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1348)..
; OTHER INFORMATION: poly-A addition motif
; US-09-862-802A-8

Query Match 37.4%; Score 436; DB 2; Length 238;
Best Local Similarity 39.9%; Pred. No. 2.1e-38;
Matches 85; Conservative 45; Mismatches 73; Indels 10; Gaps 8;
QY 3 QEQQPQSTKRCWLSRLWSVAGISIALLSACFIVSCVVTYHYTGE-TGKRSLSELHSHYH 61
Db 30 REKPIRLKPGSPSLLTSLM-LLLLLLAIITFLVAFII-YFQKYSQLEEKKAANKIMH 87
QY 62 SSITCFSEGTGV--PANGCCPASWKSFGSSCYFIS--SEEKWSKSEQNCVEMGAHLVVF 117
Db 88 NELNCTKSVSPMEDKVMSCCPKDWRLFGSHCYLVPTVSSASWKNSEENCSRGAHLVVI 147
QY 118 NTEAEQNFIVQQLNESFSYFLGLSDPQGNNNQWIDKTPYEKNVRFWHLGEPNHSABOQA 177
Db 148 QSQEQDFITGILDTHAAVFIGLWD-TGHRQWQWVDQTPYESSITFWHNGEPSSGNEKCA 206
QY 178 SIVF-WKPTGKGWNDVICETRRNSICEMNKIYL 209
Db 207 TIIRWK-TGKGWNDISCSLKQKSVQCMKKIYL 238
RESULT 14
US-09-907-794A-377
; Sequence 377, Application US/09907794A
; Patent No. 6635468
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone

	APPLICANT:	Filvaroff, Ellen	
	APPLICANT:	Fong, Sherman	
	APPLICANT:	Gao, Wei-Qiang	
	APPLICANT:	Gerber, Hanspeter	
	APPLICANT:	Gerritsen, Mary E.	
	APPLICANT:	Goddard, A.	
	APPLICANT:	Godowski, Paul J.	
	APPLICANT:	Grimaldi, Christopher J.	
	APPLICANT:	Gurney, Austin L.	
	APPLICANT:	Hillan, Kenneth, J.	
	APPLICANT:	Kljavin, Ivar J.	
	APPLICANT:	Mather, Jennie P.	
	APPLICANT:	Pan, James	
	APPLICANT:	Paoni, Nicholas F.	
	APPLICANT:	Roy, Margaret Ann	
	APPLICANT:	Stewart, Timothy A.	
	APPLICANT:	Tumas, Daniel	
	APPLICANT:	Williams, P. Mickey	
	APPLICANT:	Wood, William, I.	
	TITLE OF INVENTION:	Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same	
	FILE REFERENCE:	10466-14	
	CURRENT APPLICATION NUMBER:	US/09/907,794A	
	CURRENT FILING DATE:	2001-07-17	
	PRIOR APPLICATION NUMBER:	PCT/US00/04414	
	PRIOR FILING DATE:	2000-02-22	
	PRIOR APPLICATION NUMBER:	US 60/143,048	
	PRIOR FILING DATE:	1999-07-07	
	PRIOR APPLICATION NUMBER:	US 60/145,698	
	PRIOR FILING DATE:	1999-07-26	
	PRIOR APPLICATION NUMBER:	US 60/146,222	
	PRIOR FILING DATE:	1999-07-28	
	PRIOR APPLICATION NUMBER:	PCT/US99/20594	
	PRIOR FILING DATE:	1999-09-08	
	PRIOR APPLICATION NUMBER:	PCT/US99/20944	
	PRIOR FILING DATE:	1999-09-13	
	PRIOR APPLICATION NUMBER:	PCT/US99/21090	
	PRIOR FILING DATE:	1999-09-15	
	PRIOR APPLICATION NUMBER:	PCT/US99/21547	
	PRIOR FILING DATE:	1999-09-15	
	PRIOR APPLICATION NUMBER:	PCT/US99/23089	
	PRIOR FILING DATE:	1999-10-05	
	PRIOR APPLICATION NUMBER:	PCT/US99/28214	
	PRIOR FILING DATE:	1999-11-29	
	PRIOR APPLICATION NUMBER:	PCT/US99/28313	
	PRIOR FILING DATE:	1999-11-30	
	PRIOR APPLICATION NUMBER:	PCT/US99/28564	
	PRIOR FILING DATE:	1999-12-02	
	PRIOR APPLICATION NUMBER:	PCT/US99/28565	
	PRIOR FILING DATE:	1999-12-02	
	PRIOR APPLICATION NUMBER:	PCT/US99/30095	
	PRIOR FILING DATE:	1999-12-16	
	PRIOR APPLICATION NUMBER:	PCT/US99/30911	
	PRIOR FILING DATE:	1999-12-20	
	PRIOR APPLICATION NUMBER:	PCT/US99/30999	
	PRIOR FILING DATE:	1999-12-20	
	PRIOR APPLICATION NUMBER:	PCT/US00/000219	
	PRIOR FILING DATE:	2000-01-05	
	NUMBER OF SEQ ID NOS:	423	
	SEQ ID NO 377		
	LENGTH:	219	
	TYPE:	PRT	
	ORGANISM:	Homo Sapien	
	US-09-907-794A-377		
	Query Match	34.2%; Score 398.5; DB 2;	Length 219;
	Best Local Similarity	40.8%; Pred. No. 1.9e-34;	
	Matches	84; Conservative 34; Mismatches 81; Indels 7; Gaps 5;	
	Qy	3 QEQPOSTKRGWLS--LRLWSVAGISIALLSACFIVSVVYHTYTGETGRSELHSY 60	
		: : : : : : : : : : : : : : : :	
	Db	5 KSSETOCTE-RGCFSSQMFLWTVAGIPILFSACFITRCVVTFRI-FQTCDKKQLPEN 62	

GenCore version 5.1.7
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OM protein - protein search, using sw model

Run on: March 28, 2006, 08:31:59 ; Search time 167 Seconds
(without alignments)
522.912 Million cell updates/sec

Title: US-09-766-511B-53
Perfect score: 1165
Sequence: 1 MMQEQQPQSTKRGWLSRL.....NDVICTRRNSICEMNKIYL 209

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1867569 seqs, 417829326 residues

Total number of hits satisfying chosen parameters: 1867569

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA_Main:*
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2: /cgn2_6/ptodata/1/pubppaa/US08_PUBCOMB.pgp:*
3: /cgn2_6/ptodata/1/pubppaa/US09_PUBCOMB.pgp:*
4: /cgn2_6/ptodata/1/pubppaa/US10A_PUBCOMB.pgp:*
5: /cgn2_6/ptodata/1/pubppaa/US10B_PUBCOMB.pgp:*
6: /cgn2_6/ptodata/1/pubppaa/US11_PUBCOMB.pgp:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1165	100.0	209	3	US-09-766-511B-53
2	1165	100.0	209	4	US-10-270-470-10
3	912	78.3	161	3	US-09-766-511B-55
4	885	76.0	162	4	US-10-270-470-2
5	793	68.1	209	3	US-09-766-511B-60
6	793	68.1	209	4	US-10-270-470-4
7	642	55.1	213	4	US-10-212-198-13
8	637	54.7	213	4	US-10-090-466-2
9	637	54.7	213	4	US-10-212-198-16
10	630	54.1	218	4	US-10-220-946-20
11	628	53.9	234	4	US-10-212-198-4
12	617	53.0	211	4	US-10-220-946-22
13	591.5	50.8	208	4	US-10-492-100-18
14	535.5	46.0	182	4	US-10-090-466-4
15	525.5	45.1	193	4	US-10-212-198-6
16	521	44.7	178	3	US-09-766-511B-63
17	459.5	39.4	148	4	US-10-398-779-15
18	459	39.4	134	4	US-10-398-779-2
19	458	39.3	187	4	US-10-212-198-9
20	458	39.3	187	4	US-10-212-198-10
21	458	39.3	237	3	US-09-862-802-2
22	458	39.3	237	3	US-09-870-759-49
23	458	39.3	237	3	US-09-751-708A-49
24	458	39.3	237	4	US-10-264-237-2653
25	458	39.3	237	4	US-10-398-779-3
26	458	39.3	237	4	US-10-829-107-2
27	458	39.3	237	4	US-10-428-817A-45

28	458	39.3	243	3	US-09-764-870-464	Sequence 464, App
29	458	39.3	243	4	US-10-125-540-464	Sequence 464, App
30	458	39.3	246	3	US-09-764-870-303	Sequence 303, App
31	458	39.3	246	4	US-10-125-540-303	Sequence 303, App
32	450	38.6	236	4	US-10-492-100-12	Sequence 12, Appl
33	445.5	38.2	198	4	US-10-363-616-480	Sequence 480, App
34	445	38.2	215	4	US-10-312-352-35	Sequence 35, Appl
35	445	38.2	215	4	US-10-492-100-24	Sequence 24, Appl
36	445	38.2	215	5	US-10-773-236-216	Sequence 216, App
37	445	38.2	215	5	US-10-773-236-314	Sequence 314, App
38	445	38.2	215	5	US-10-773-236-315	Sequence 315, App
39	445	38.2	215	5	US-10-773-236-316	Sequence 316, App
40	443	38.0	215	4	US-10-212-198-8	Sequence 8, Appl
41	437	37.5	165	4	US-10-262-839-76	Sequence 76, Appl
42	436	37.4	238	3	US-09-862-802-8	Sequence 8, Appl
43	436	37.4	238	4	US-10-829-107-8	Sequence 8, Appl
44	434	37.3	208	4	US-10-212-198-11	Sequence 11, Appl
45	425	36.5	230	4	US-10-262-839-80	Sequence 80, Appl

ALIGNMENTS

RESULT 1

US-09-766-511B-53
; Sequence 53, Application US/09766511B
; Publication No. US20030170621A1
; GENERAL INFORMATION:
; APPLICANT: MCCARTHY, Sean A
; APPLICANT: FRASER, Christopher C
; APPLICANT: SHARP, John D
; APPLICANT: BARNES, Thomas S
; APPLICANT: KIRST, Susan J
; APPLICANT: MYERS, Paul S
; APPLICANT: WRIGHTON, Nicholas
; APPLICANT: GOODEARL, Andrew
; APPLICANT: HOLTZMAN, Douglas A
; APPLICANT: KHODADOUST, Mehran M
; TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING PROGNOSTIC, DIAGNOSTIC, PRE
; FILE OF INVENTION: THERAPEUTIC, AND OTHER USES
; FILE REFERENCE: 10147-65
; CURRENT APPLICATION NUMBER: US/09/766,511B
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: US 09/578,063
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: US 09/333,159
; PRIOR FILING DATE: 1999-06-14
; PRIOR APPLICATION NUMBER: US 09/596,194
; PRIOR FILING DATE: 2000-06-16
; PRIOR APPLICATION NUMBER: US 09/342,364
; PRIOR FILING DATE: 1999-06-29
; PRIOR APPLICATION NUMBER: US 09/608,452
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/393,996
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 09/345,680
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 53
; LENGTH: 209
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-766-511B-53

Query Match 100.0%; Score 1165; DB 3; Length 209;
Best Local Similarity 100.0%; Pred. No. 4.8e-106;
Matches 209; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MMQEQQPQSTKRGWLSRLMSVAGISTALLSACFIVSCVYTHFYGTGKRLSELHSY 60
Db 1 MMQEQQPQSTKRGWLSRLMSVAGISTALLSACFIVSCVYTHFYGTGKRLSELHSY 60

Qy 61 HSLTCTFSEGTGKVPAMGCCPASMKSFGSSCYFISSEKVKWSKSEQNCVEMGAHLVVFNTE 120
Db 61 HSLTCTFSEGTGKVPAMGCCPASMKSFGSSCYFISSEKVKWSKSEQNCVEMGAHLVVFNTE 120

Qy 121 AEQNFIVQQLNESFSYFLGLSDPQGNNNWQWIDKTPYEKNVRFWHLGEPNHSAEQCASIV 180
Db 121 AEQNFIVQQLNESFSYFLGLSDPQGNNNWQWIDKTPYEKNVRFWHLGEPNHSAEQCASIV 180

Qy 181 FWKPTGWMNDVICETRRNSICEMNKIYL 209
Db 181 FWKPTGWMNDVICETRRNSICEMNKIYL 209

RESULT 2

US-10-270-470-10
; Sequence 10, Application US/10270470
; Publication No. US20030162955A1
; GENERAL INFORMATION:
; APPLICANT: Chalus, Lionel
; APPLICANT: Quan, Ahn B.
; APPLICANT: Bates, Elizabeth Ester Mary
; APPLICANT: Gorman, Daniel M.
; APPLICANT: Saeland, Sem
; APPLICANT: Lebecque, Serge J.E.
; APPLICANT: Phillips, Joseph H.
; TITLE OF INVENTION: ISOLATED MAMMALIAN MEMBRANE PROTEIN GENES; RELATED REAGENTS
; FILE REFERENCE: DX0802QK
; CURRENT APPLICATION NUMBER: US/10/270,470 - disclosed, (10/7/02)
; PRIOR FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: US 09/270,368
; PRIOR FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: US 60/078,334
; PRIOR FILING DATE: 1998-03-17
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-270-470-10

Query Match 100.0%; Score 1165; DB 4; Length 209;
Best Local Similarity 100.0%; Pred. No. 4.8e-106;
Matches 209; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 MMQEQPQSTKRGWLSRLWSVAGISIALLSACFIVSCVVTYFTYGETGKRLSELHSY 60

Qy 61 HSLTCTFSEGTGKVPAMGCCPASMKSFGSSCYFISSEKVKWSKSEQNCVEMGAHLVVFNTE 120
Db 61 HSLTCTFSEGTGKVPAMGCCPASMKSFGSSCYFISSEKVKWSKSEQNCVEMGAHLVVFNTE 120

Qy 121 AEQNFIVQQLNESFSYFLGLSDPQGNNNWQWIDKTPYEKNVRFWHLGEPNHSAEQCASIV 180
Db 121 AEQNFIVQQLNESFSYFLGLSDPQGNNNWQWIDKTPYEKNVRFWHLGEPNHSAEQCASIV 180

Qy 181 FWKPTGWMNDVICETRRNSICEMNKIYL 209
Db 181 FWKPTGWMNDVICETRRNSICEMNKIYL 209

RESULT 3

US-09-766-511B-55
; Sequence 55, Application US/09766511B
; Publication No. US20030170621A1
; GENERAL INFORMATION:
; APPLICANT: MCCARTHY, Sean A
; APPLICANT: FRASER, Christopher C
; APPLICANT: SHARP, John D
; APPLICANT: BARNES, Thomas S
; APPLICANT: KIRST, Susan J
; APPLICANT: MYERS, Paul S

; APPLICANT: WRIGHTON, Nicholas
; APPLICANT: GOODEARL, Andrew
; APPLICANT: HOLZEMAN, Douglas A
; APPLICANT: RHODADOUST, Mehran M
; TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING PROGNOSTIC, DIAGNOSTIC, PREVENTIVE, THERAPEUTIC, AND OTHER USES
; FILE REFERENCE: 10147-65
; CURRENT APPLICATION NUMBER: US/09/766,511B
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: US 09/578,063
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: US 09/333,159
; PRIOR FILING DATE: 1999-06-14
; PRIOR APPLICATION NUMBER: US 09/596,194
; PRIOR FILING DATE: 2000-06-16
; PRIOR APPLICATION NUMBER: US 09/342,364
; PRIOR FILING DATE: 1999-06-29
; PRIOR APPLICATION NUMBER: US 09/608,452
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/393,996
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 09/345,680
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 55
; LENGTH: 161
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-766-511B-55

Query Match 78.3%; Score 912; DB 3; Length 161;

Best Local Similarity 100.0%; Pred. No. 2.5e-81;
Matches 161; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 49 ETGKRLSELHSYHSLTCTFSEGTGKVPAMGCCPASMKSFGSSCYFISSEKVKWSKSEQNCV 108
Db 1 ETGKRLSELHSYHSLTCTFSEGTGKVPAMGCCPASMKSFGSSCYFISSEKVKWSKSEQNCV 60

Qy 109 EMGAHLVVFNTAEQNFIVQQLNESFSYFLGLSDPQGNNNWQWIDKTPYEKNVRFWHLG 168
Db 61 EMGAHLVVFNTAEQNFIVQQLNESFSYFLGLSDPQGNNNWQWIDKTPYEKNVRFWHLG 120

Qy 169 PNHSAEQCASIVFWKPTGWMNDVICETRRNSICEMNKIYL 209
Db 121 PNHSAEQCASIVFWKPTGWMNDVICETRRNSICEMNKIYL 161

RESULT 4

US-10-270-470-2
; Sequence 2, Application US/10270470
; Publication No. US20030162955A1
; GENERAL INFORMATION:
; APPLICANT: Chalus, Lionel
; APPLICANT: Quan, Ahn B.
; APPLICANT: Bates, Elizabeth Ester Mary
; APPLICANT: Gorman, Daniel M.
; APPLICANT: Saeland, Sem
; APPLICANT: Lebecque, Serge J.E.
; APPLICANT: Phillips, Joseph H.
; TITLE OF INVENTION: ISOLATED MAMMALIAN MEMBRANE PROTEIN GENES; RELATED REAGENTS
; FILE REFERENCE: DX0802QK
; CURRENT APPLICATION NUMBER: US/10/270,470
; CURRENT FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: US 09/270,368
; PRIOR FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: US 60/078,334
; PRIOR FILING DATE: 1998-03-17
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 162
; TYPE: PRT

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; ORGANISM: Homo sapiens
US-10-270-470-2

Query Match      76.0%; Score 885; DB 4; Length 162;
Best Local Similarity 100.0%; Pred. No. 1.1e-78;
Matches 162; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MMQEQQPQSTKRGWLSRLWSVAGISIALLSACFIVSCVVTYHYFTYGETGKRLSELHSY 60
Db 1 MMQEQQPQSTKRGWLSRLWSVAGISIALLSACFIVSCVVTYHYFTYGETGKRLSELHSY 60

Qy 61 HSSLTCFSEGTQKPAWCCCPASWKSFGSSCYFFISSEKWKSKSEONCVENGHLVVPNTE 120
Db 61 HSSLTCFSEGTQKPAWCCCPASWKSFGSSCYFFISSEKWKSKSEONCVENGHLVVPNTE 120

Qy 121 AEQNFIVOQLNESFSYFLGLSDPQGNNNWQWIDKTPYEKNVR 162
Db 121 AEQNFIVOQLNESFSYFLGLSDPQGNNNWQWIDKTPYEKNVR 162

RESULT 5
US-09-766-511B-60
; Sequence 60, Application US/09766511B
; Publication No.: US20030170621A1
; GENERAL INFORMATION:
; APPLICANT: MCCARTHY, Sean A
; APPLICANT: FRASER, Christopher C
; APPLICANT: SHARP, John D
; APPLICANT: BARNES, Thomas S
; APPLICANT: KIRST, Susan J
; APPLICANT: MYERS, Paul S
; APPLICANT: WRIGHTON, Nicholas
; APPLICANT: GOODEARL, Andrew
; APPLICANT: HOLTZMAN, Douglas A
; APPLICANT: KHODADOST, Mehran M
; TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING PROGNOSTIC, DIAGNOSTIC, PREV
; FILE REFERENCE: 10147-65
; CURRENT APPLICATION NUMBER: US/09/766,511B
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: US 09/578,063
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: US 09/333,159
; PRIOR FILING DATE: 1999-06-14
; PRIOR APPLICATION NUMBER: US 09/596,194
; PRIOR FILING DATE: 2000-06-16
; PRIOR APPLICATION NUMBER: US 09/342,364
; PRIOR FILING DATE: 1999-06-29
; PRIOR APPLICATION NUMBER: US 09/608,452
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/393,996
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 09/345,680
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 60
; LENGTH: 209
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-766-511B-60

Query Match      68.1%; Score 793; DB 3; Length 209;
Best Local Similarity 68.1%; Pred. No. 1.7e-69;
Matches 145; Conservative 19; Mismatches 41; Indels 8; Gaps 4;

Qy 1 MMQEQQPQSTKRG--WLSRLWSVAGISIALLSACFIVSCVVTYHYFTYGETGKRLSELH 58
Db 1 MVQERQSQG---KGVCW-TLRLWSAAVISMLLSTCTFIASCVVTYQFIMDQPSRRLYELH 56

Qy 59 SYHSSLTCFSEGTQKTV--PAWGCCPASPWKSFGSSCYFFISSEKWKSKSEONCVENGHLVV 116
Db 57 TYHSSLTCFSEGTQKTVSEKWMGCCPNHWKSGSSCYLLSTKENFWSTSEQNCVQMGHLVV 116

US-09-766-511B-60
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Qy 117 FNTEAEQNFIVOQLNESFSYFLGLSDPQGNNNWQWIDKTPYEKNVRFWHLGEPNHSAEQC 176
Db 117 FNTEAEQNFIVOQLNESFSYFLGLSDPQGNNNWQWIDKTPYEKNVRFWHLGEPNHSAEQC 176

Qy 177 ASIVFWKPTGWNVDVICETRRNSICEMKKIYL 209
Db 177 VSIVYWNPSKWGNDVFCDSKNSICEMKKIYL 209

RESULT 6
US-10-270-470-4
; Sequence 4, Application US/10270470
; Publication No. US20030162955A1
; GENERAL INFORMATION:
; APPLICANT: Chalus, Lionel
; APPLICANT: Quan, Abn B.
; APPLICANT: Bates, Elizabeth Ester Mary
; APPLICANT: Gorman, Daniel M.
; APPLICANT: Saeland, Sem
; APPLICANT: Lebecque, Serge J.E.
; APPLICANT: Phillips, Joseph H.
; TITLE OF INVENTION: ISOLATED MAMMALIAN MEMBRANE PROTEIN GENES; RELATED REAGENTS
; FILE REFERENCE: DX0802QK
; CURRENT APPLICATION NUMBER: US/10/270,470
; CURRENT FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: US 09/270,368
; PRIOR FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: US 60/078,334
; PRIOR FILING DATE: 1998-03-17
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 209
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-270-470-4

Query Match      68.1%; Score 793; DB 4; Length 209;
Best Local Similarity 68.1%; Pred. No. 1.7e-69;
Matches 145; Conservative 19; Mismatches 41; Indels 8; Gaps 4;

Qy 1 MMQEQQPQSTKRG--WLSRLWSVAGISIALLSACFIVSCVVTYHYFTYGETGKRLSELH 58
Db 1 MVQERQSQG---KGVCW-TLRLWSAAVISMLLSTCTFIASCVVTYQFIMDQPSRRLYELH 56

Qy 59 SYHSSLTCFSEGTQKTV--PAWGCCPASPWKSFGSSCYFFISSEKWKSKSEONCVENGHLVV 116
Db 57 TYHSSLTCFSEGTQKTVSEKWMGCCPNHWKSGSSCYLLSTKENFWSTSEQNCVQMGHLVV 116

Qy 117 FNTEAEQNFIVOQLNESFSYFLGLSDPQGNNNWQWIDKTPYEKNVRFWHLGEPNHSAEQC 176
Db 117 FNTEAEQNFIVOQLNESFSYFLGLSDPQGNNNWQWIDKTPYEKNVRFWHLGEPNHSAEQC 176

Qy 177 ASIVFWKPTGWNVDVICETRRNSICEMKKIYL 209
Db 177 VSIVYWNPSKWGNDVFCDSKNSICEMKKIYL 209

RESULT 7
US-10-212-198-13
; Sequence 13, Application US/10212198
; Publication No. US20030138804A1
; GENERAL INFORMATION:
; APPLICANT: Boyle, Bryan J
; APPLICANT: Ford, John E.
; APPLICANT: Mize, Nancy K.
; APPLICANT: Tang, Y. Tom
; APPLICANT: Liu, Chenghua
; APPLICANT: Drmanac, Radoje T.
; APPLICANT: Dickson, Mark C.
; APPLICANT: Arterburn, Matthew C.
; APPLICANT: Binnerts, Minke
```



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; FILE REFERENCE: 4-31347 PCT
; CURRENT APPLICATION NUMBER: US/10/220,946
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 60/192,934
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/205,026 (US 60/279,243)
; PRIOR FILING DATE: 2000-05-18
; PRIOR APPLICATION NUMBER: US 60/205,020
; PRIOR FILING DATE: 2000-05-18
; PRIOR APPLICATION NUMBER: US 60/205,769
; PRIOR FILING DATE: 2000-05-19
; PRIOR APPLICATION NUMBER: US 60/205,767
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 218
; TYPE: PRT
; ORGANISM: Homo Sapiens
;
US-10-220-946-20

Query Match      54.1%; Score 630; DB 4; Length 218;
Best Local Similarity 54.5%; Pred. No. 1.8e-53;
Matches 114; Conservative 28; Mismatches 63; Indels 4; Gaps 2;

Qy 5 QOPOSTEK-RGWLRLWSVAGISIALLSACFIVSVVYHYFTYGETGKRLSEL---HSY 60
Db 10 QEPQDREKGLWFWQKWSMAVVSILLSCVFTVSSVPHFMYSKTVKRLSKLREYQQY 69

Qy 61 HSSLTCTFSEGTQKVPWAGCCPASWKSFGSSCYFISSEKVKWSKSEONCVEMGAHLVFNTE 120
Db 70 HPSLTCTFSEGTQKVPWAGCCPASWKSFGSSCYFISSEKVKWSKSEONCVEMGAHLVFNTR 129

Qy 121 AEQNFIVQOLNESFSYFLGLSDPQGNNNQWIDKTPYEKNVRFHMLGEPNHSABQCAIV 180
Db 130 BEQDFIQLNKRNSYFLGLSDPQGRHRHQQWVDQTPYENVTFWHSGEPNLDRCALIN 189

Qy 181 FWKPTGWNVDVICETRNSICEMNKIYL 209
Db 190 FRSSEEGWNDIHCHVPHKSIKMKKIYI 218

RESULT 11
US-10-212-198-4
; Sequence 4, Application US/10212198
; Publication No. US20030138804A1
; GENERAL INFORMATION:
; APPLICANT: Boyle, Bryan J
; APPLICANT: Ford, John E.
; APPLICANT: Mize, Nancy K.
; APPLICANT: Tang, Y. Tom
; APPLICANT: Liu, Chenghua
; APPLICANT: Drmanac, Radjje T.
; APPLICANT: Dickson, Mark C.
; APPLICANT: Arterburn, Matthew C.
; APPLICANT: Binnerts, Minke
; TITLE OF INVENTION: Methods and Materials Relating to No. US20030138804A1el C-type Le
; FILE REFERENCE: HVS-5CIP
; CURRENT APPLICATION NUMBER: US/10/212,198
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 09/545,283
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: 09/496,914
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 234
; TYPE: PRT
; ORGANISM: Homo sapiens
;
US-10-212-198-4
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Query Match      53.9%; Score 628; DB 4; Length 234;
Best Local Similarity 53.5%; Pred. No. 3.1e-53;
Matches 114; Conservative 28; Mismatches 67; Indels 4; Gaps 2;

Qy 1 MMQEQOPOSTEK-RGWLRLWSVAGISIALLSACFIVSVVYHYFTYGETGKRLSEL-- 57
Db 1 MYPEBEPQDREKGLWFWQKWSMAVVSILLSCVFTVSSVPHFMYSKTVKRLSKLRE 60

Qy 58 -HSYHSSLTCTFSEGTQKVPWAGCCPASWKSFGSSCYFISSEKVKWSKSEONCVEMGAHLVV 116
Db 61 YQYHSSLTCTFSEGTQKVPWAGCCPASWKSFGSSCYFISSEKVKWSKSEONCVEMGAHLVV 120

Qy 117 FNTAEQNFIVQOLNESFSYFLGLSDPQGNNNQWIDKTPYEKNVRFHMLGEPNHSABQC 176
Db 121 INTTEHDFIHLNKRNSYFLGLSHPRGRHRHQQWVDQTPYENVTFWHSGEPNLDERC 180

Qy 177 ASIVFWKPTGWNVDVICETRNSICEMNKIYL 209
Db 181 AIINFRSQEWGNDIHCHVPHKSIKMKKIYI 213

RESULT 12
US-10-220-946-22
; Sequence 22, Application US/10220946
; Publication No. US20030124575A1
; GENERAL INFORMATION:
; APPLICANT: No. US20030124575A1artis AG
; APPLICANT: No. US20030124575A1artis Erfindungen Verwaltungsgesellschaft m.b.H.
; APPLICANT: Phares, William
; APPLICANT: Werner, Gudrun
; APPLICANT: Lappitz, Markus
; APPLICANT: Lappitz, Hilmar
; APPLICANT: Kalthoff, Frank Stephan
; TITLE OF INVENTION: Organic Compounds
; FILE REFERENCE: 4-31347 PCT
; CURRENT APPLICATION NUMBER: US/10/220,946
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 60/192,934
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/205,026 (US 60/279,243)
; PRIOR FILING DATE: 2000-05-18
; PRIOR APPLICATION NUMBER: US 60/205,020
; PRIOR FILING DATE: 2000-05-18
; PRIOR APPLICATION NUMBER: US 60/205,769
; PRIOR FILING DATE: 2000-05-19
; PRIOR APPLICATION NUMBER: US 60/205,767
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 211
; TYPE: PRT
; ORGANISM: Homo Sapiens
;
US-10-220-946-22

Query Match      53.0%; Score 617; DB 4; Length 211;
Best Local Similarity 52.9%; Pred. No. 3.3e-52;
Matches 111; Conservative 30; Mismatches 63; Indels 6; Gaps 2;

Qy 6 QOPOSTEK---GWLRLWSVAGISIALLSACFIVSVVYHYFTYGETGKRLSEL---HS 59
Db 2 RPASEDREKGLWFWQKWSMAVVSILLSCVFTVSSVPHFMYSKTVKRLSKLREYQQ 61

Qy 60 YHSSLTCTFSEGTQKVPWAGCCPASWKSFGSSCYFISSEKVKWSKSEONCVEMGAHLVFN 119
Db 62 YHPSLTCTFSEGTQKVPWAGCCPASWKSFGSSCYFISSEKVKWSKSEONCVEMGAHLVFN 121

Qy 120 EAEQNFIVQOLNESFSYFLGLSDPQGNNNQWIDKTPYEKNVRFHMLGEPNHSABQCAI 179
Db 122 REEQDFIQLNKRNSYFLGLSDPQGRHRHQQWVDQTPYENVTFWHSGEPNLDRCAL 181

Qy 180 VFWKPTGWNVDVICETRNSICEMNKIYL 209
Db 181 AIINFRSQEWGNDIHCHVPHKSIKMKKIYI 213
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Db 182 NFRSSEWGWNDIHCHVPQKSICKMKKIYI 211

RESULT 13
US-10-492-100-18
; Sequence 18, Application US/10492100
; Publication No. US20040214190A1
; GENERAL INFORMATION:
; APPLICANT: IMMUNEX CORPORATION
; APPLICANT: Butz, Eric A.
; APPLICANT: Anderson, Dirk M.
; TITLE OF INVENTION: MAMMALIAN C-TYPE LECTINS
; FILE REFERENCE: 3318-WO
; CURRENT APPLICATION NUMBER: US/10/492,100
; CURRENT FILING DATE: 2004-04-08
; PRIOR APPLICATION NUMBER: US 60/328,026
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Mus sp.
US-10-492-100-18

Query Match 50.8%; Score 591.5; DB 4; Length 208;
Best Local Similarity 52.8%; Pred. No. 1e-49;
Matches 112; Conservative 30; Mismatches 63; Indels 7; Gaps 6;

QY 1 MMQEQPQSTKRGWLSRLWSVAGISIALLSACFIVSCVVTYFTYGTGKRLSELHSY 60
Db 1 MMQEQPQGVVCM-SRLWMAALISILLSTCFIASCVVVTYQLMMKNRRLSELHY 58
QY 61 HSLTLCFSEGTKV--PAWGCCPASWKSFGSSCYFISSEKV--WSKSEQNCVEMGAHLVWF 117
Db 59 HSNLICEFSEGTTVSEKWSWCCPKDKWPFSGYCYFTSTDSRASQNKSEKSLAGHLVVI 118
QY 118 NTEAQNFIVQOLNESFSYFLGLSDPQGNNNWQIDKTPYKVRFWHLGEPNHSABQCA 177
Db 119 HSQEQDQFIRMLDTAAGYFGLSD-VGNSQWRWIDQTPYNDRATFVHKGEPPNDYEKCV 177
QY 178 SIVFWKPTGWNVDVICETRRNSICEMNKIYL 209
Db 178 -ILNRYKTMGWNDIDCDSENSVCQMKKIYL 208

RESULT 14
US-10-090-466-4
; Sequence 4, Application US/10090466
; Publication No. US20020137914A1
; GENERAL INFORMATION:
; APPLICANT: Turner, C. Alexander Jr.
; APPLICANT: Mathur, Brian
; APPLICANT: Cullinan, Emily B.
; TITLE OF INVENTION: No. US20020137914A1el Human Dectin Proteins and Polynucleotides
; FILE REFERENCE: LEX-0315-USA
; CURRENT APPLICATION NUMBER: US/10/090,466
; CURRENT FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: US 60/274,961
; PRIOR FILING DATE: 2001-03-12
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 182
; TYPE: PRT
; ORGANISM: homo sapiens
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (1)...(182)
; OTHER INFORMATION: Xaa = Any Amino Acid
US-10-090-466-4

Query Match 45.1%; Score 525.5; DB 4; Length 193;
Best Local Similarity 54.1%; Pred. No. 2.9e-43;
Matches 93; Conservative 21; Mismatches 55; Indels 3; Gaps 1;

QY 41 VTYHTYGTGKRLSEL---HSYHSSLTCFSEGTQKVPANGCCPASWKSFGSSCYFISSEE 97
Db 1 VPHNFWYSKTVKRLSKLREYQQYHSLTCVMEGKDIEDWSCCPTPTWTSFQSSCYFISTGM 60
QY 98 KWSKSEQNCVEMGAHLVVFNTAEQNFIVQOLNESFSYFLGLSDPQGNNNWQIDKTPY 157
Db 61 QSWTKSQKNCVNGADLVVINTTEEDFIHNNKRNSSYFLGLSHPRGRHRHQWVDHTPY 120
QY 158 EKNVRFWHLGEPNHSAEQACASIVFWKPTGWNVDVICETRRNSICEMNKIYL 209
Db 121 NENVTFWHSGEFPNLDERCAINFRSSQEWGNDIHCHVPHKSIKMKKIYI 172

Search completed: March 28, 2006, 08:39:18
Job time : 168 secs
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OM protein - protein search, using sw model

Run on: March 28, 2006, 08:36:38 ; Search time 76 Seconds
(without alignments)
81.110 Million cell updates/sec

Title: US-09-766-511B-53

Perfect score: 1165

Sequence: 1 MWQEQPQSTKRWLSRL.....NDVICETRRNSICMKNKIYL 209

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 174695 seqs, 29494374 residues

Total number of hits satisfying chosen parameters: 174695

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA New:

- 1: /SIDSS5/ptodata/1/pubpaa/US08_NEW_PUB pep.*
- 2: /SIDSS5/ptodata/1/pubpaa/US06_NEW_PUB pep.*
- 3: /SIDSS5/ptodata/1/pubpaa/US07_NEW_PUB pep.*
- 4: /SIDSS5/ptodata/1/pubpaa/US07_NEW_PUB pep.*
- 5: /SIDSS5/ptodata/1/pubpaa/US05_NEW_PUB pep.*
- 6: /SIDSS5/ptodata/1/pubpaa/US10_NEW_PUB pep.*
- 7: /SIDSS5/ptodata/1/pubpaa/US11_NEW_PUB pep.*
- 8: /SIDSS5/ptodata/1/pubpaa/US60_NEW_PUB pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	225.5	19.4	124	6	US-10-877-346-67
2	207.5	17.8	328	7	US-11-152-697-4
3	190.5	16.4	293	6	US-10-131-826A-422
4	190.5	16.4	293	6	US-10-973-115B-422
5	189.5	16.3	548	7	US-11-152-697-3
6	167.5	14.4	166	7	US-11-071-259-9
7	167.5	14.4	188	6	US-10-055-877-206
8	166	14.2	189	6	US-10-055-877-209
9	163.5	14.0	492	7	US-11-152-697-2
10	160.5	13.8	189	6	US-10-055-877-207
11	160.5	13.8	195	6	US-10-055-877-208
12	156	13.4	107	6	US-10-877-346-70
13	151.5	13.0	280	6	US-10-131-826A-458
14	151.5	13.0	280	6	US-10-689-742-160
15	151.5	13.0	280	6	US-10-973-115B-458
16	142.5	12.2	175	7	US-11-133-465A-1
17	142	12.2	188	6	US-10-055-877-205
18	141.5	12.1	247	7	US-11-072-512-2790
19	139	11.9	132	7	US-11-106-399-4
20	139	11.9	191	7	US-11-106-399-2
21	139	11.9	241	7	US-11-152-366-279
22	139	11.9	359	7	US-11-152-366-38
23	138	11.8	158	7	US-11-108-172-1070
24	138	11.8	158	7	US-11-108-172-1077
25	138	11.8	158	7	US-11-108-172-1078

26	138	11.8	158	7	US-11-108-172-1079	Sequence 1079, Ap
27	138	11.8	158	7	US-11-108-172-1080	Sequence 1080, Ap
28	138	11.8	158	7	US-11-133-465A-2	Sequence 2, Appli
29	134.5	11.5	539	7	US-11-152-697-5	Sequence 5, Appli
30	133.5	11.5	139	7	US-11-106-399-7	Sequence 7, Appli
31	133	11.4	285	6	US-10-689-742-188	Sequence 188, App
32	132	11.3	149	7	US-11-106-399-6	Sequence 6, Appli
33	131.5	11.3	260	7	US-11-106-399-9	Sequence 9, Appli
34	131	11.2	179	7	US-11-106-399-10	Sequence 10, Appli
35	130.5	11.2	189	7	US-11-043-788-33	Sequence 33, Appli
36	130.5	11.2	242	7	US-11-043-788-32	Sequence 32, Appli
37	130.5	11.2	435	7	US-11-043-788-31	Sequence 31, Appli
38	130.5	11.2	610	7	US-11-043-788-30	Sequence 30, Appli
39	127.5	10.9	229	5	US-09-978-360A-753	Sequence 753, App
40	127.5	10.9	229	6	US-10-131-826A-522	Sequence 522, App
41	127.5	10.9	229	6	US-10-973-115B-522	Sequence 522, App
42	126	10.8	160	6	US-10-533-811-59	Sequence 59, Appli
43	123.5	10.6	122	6	US-10-475-075-857	Sequence 857, App
44	123.5	10.6	160	6	US-10-533-811-61	Sequence 61, Appli
45	122.5	10.5	174	6	US-10-532-426-1	Sequence 1, Appli

ALIGNMENTS

RESULT 1

US-10-877-346-67
; Sequence 67, Application US/10877346
; Publication NO. US2006004153A1
; GENERAL INFORMATION:
; APPLICANT: Gerlach, Valerie L
; APPLICANT: MacDougall, John R
; APPLICANT: Smithson, Glennda
; APPLICANT: Millet, Isabelle
; APPLICANT: Stone, David
; APPLICANT: Gunther, Erik
; APPLICANT: Ellerman, Karen
; APPLICANT: Grosse, William M
; APPLICANT: Alsobrook II, John P
; APPLICANT: Lepley, Denise M
; APPLICANT: Burgees, Catherine E
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Leach, Martin D
; APPLICANT: Shimkets, Richard A
; TITLE OF INVENTION: Novel Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-124
; CURRENT APPLICATION NUMBER: US/10/877,346
; PRIOR FILING DATE: 2004-06-25
; PRIOR APPLICATION NUMBER: US/09/964,956
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/235,631
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: 60/235,633
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: 60/235,808
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: 60/236,064
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: 60/236,065
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: 60/236,066
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: 60/236,135
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: 60/237,434
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/238,321
; PRIOR FILING DATE: 2000-10-05
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: PatentIn Ver. 2.1

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; SEQ ID NO 67
; LENGTH: 124
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: CLECT
; OTHER INFORMATION: Consensus Sequence
US-10-877-346-67

Query Match          19.4%; Score 225.5; DB 6; Length 124;
Best Local Similarity 37.2%; Pred. No. 4.1e-15;
Matches 48; Conservative 22; Mismatches 50; Indels 9; Gaps 5;

QY 79 CPASWKSF-GSSCVFTSSSEKVKSEQNCVEMGAHLVVFNTAEQNFIQQNLNESF-- 135
Db 1 CPSCGWSYPGKCYKFSTKKTWADAQFCQSLGAHLASHSEENDFLSLKNSNDY 60
QY 136 YFGLSDPQGNNNWQIDKT-PYEKNVRFWHLGEPNHSAEQCASIVFWKPTGWNVDVIC 194
Db 61 YWIGLRPDNSGQWSGSDGSPVDYS--NWAPGPGSGN---CVVLSTSGGKGNVDVSC 115
QY 195 ETRRNSICE 203
Db 116 TSKLPFICE 124

RESULT 2
US-11-152-697-4
; Sequence 4, Application US/11152697
; Publication No. US20060003367A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING A NOVEL HUMAN KUPFFER CELL RECEPTOR
; FILE REFERENCE: D0242 NP
; CURRENT APPLICATION NUMBER: US/11/152,697
; PRIOR FILING DATE: 2005-06-14
; PRIOR APPLICATION NUMBER: 60/580,006
; PRIOR FILING DATE: 2004-06-15
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 328
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-152-697-4

Query Match          17.8%; Score 207.5; DB 7; Length 328;
Best Local Similarity 34.4%; Pred. No. 7.2e-13;
Matches 43; Conservative 21; Mismatches 54; Indels 7; Gaps 4;

QY 83 WKSFGSSCYFTSSSEKVKSEQNCVEMGAHLVVFNTAEQNFIQQNLNESFYLGLSD 142
Db 199 WKYPKGNFYFSLIPKTYSAEQFCVSRNSHLTSVTSESEQFLYKTAG-GLIYWIGLTK 257
QY 143 PQGNNNWQIDKTPYEK--NVRFWHLGEPNHS--EQCASIVFWKPTGWNVDVICETRR 198
Db 258 AGMEGDSWVDTPFNKVSQARFIPGEPNAGNHCNIG--APSLQWANDAPCDKTF 315
QY 199 NSICE 203
Db 316 LFICK 320

RESULT 3
US-10-131-826A-422
; Sequence 422, Application US/10131826A
; Publication No. US20050245730A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Deenoyers, Luc
; APPLICANT: Deenoyers, Luc
```

```
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330RIC128
; CURRENT APPLICATION NUMBER: US/10/131,826A
; PRIOR FILING DATE: 2003-04-24
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 422
; LENGTH: 293
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-826A-422

Query Match          16.4%; Score 190.5; DB 6; Length 293;
Best Local Similarity 33.6%; Pred. No. 2.9e-11;
Matches 45; Conservative 21; Mismatches 49; Indels 19; Gaps 8;

QY 79 CPASWKSFGSSCYFTSSSEKVKSEQNCVEMGAHLVVFNTAEQNFIQQNLNESFYL 138
Db 165 CPTSWLSFGSCYFVSVPKTTWAAQDHCAASAHLYVGGDEQGLTRN-TRGRGYWL 223
QY 139 G-----LSDPQGNNNWQIDKTPYEKNVRFWHLGEPNHS--AEQCASIVFWKPTGWN 190
Db 224 GURAVRHKGKVGQ---YQWVGDV--SLSPSHNQGEFNDAGRENCVMLH---TGL-WN 274
QY 191 DVICETRRNS-ICE 203
Db 275 DAPCDSEKDGWICE 288

RESULT 4
US-10-973-115B-422
; Sequence 422, Application US/10973115B
; Publication No. US20060040351A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Deenoyers, Luc
; APPLICANT: Filvaroff, Ellen
```



```

; APPLICANT: Gerlach, Valerie
; APPLICANT: Spytek, Kimberly
; APPLICANT: Ratelli, Luca
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Guo, Xiaojia
; APPLICANT: Zerhusen, Bryan
; APPLICANT: Andrew, David
; APPLICANT: Mezes, Peter
; APPLICANT: Patturajan, Meera
; APPLICANT: Burgess, Catherine
; APPLICANT: Eisen, Andrew
; APPLICANT: Wolenc, Adam
; APPLICANT: Baumgartner, Jason
; APPLICANT: Shimkets, Richard
; APPLICANT: Gusev, Vladimir
; APPLICANT: Vernet, Corine
; APPLICANT: Taupier Jr., Raymond
; APPLICANT: Pena, Carol
; APPLICANT: Shenoy, Suresh
; APPLICANT: Li, Li
; APPLICANT: Casman, Stacie
; APPLICANT: Boldog, Ference
; TITLE OF INVENTION: Novel Polypeptides and Nucleic Acids Encoded Thereby
; FILE REFERENCE: 21402-251
; CURRENT APPLICATION NUMBER: US/10/055,877
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 60/262,892
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: 60/263,598
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/263,799
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: 60/264,117
; PRIOR FILING DATE: 2001-01-25
; PRIOR APPLICATION NUMBER: 60/264,139
; PRIOR FILING DATE: 2001-01-25
; PRIOR APPLICATION NUMBER: 60/264,478
; PRIOR FILING DATE: 2001-01-26
; PRIOR APPLICATION NUMBER: 60/264,351
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 60/272,870
; PRIOR FILING DATE: 2001-03-14
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 512
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 206
; LENGTH: 188
; TYPE: PRT
; ORGANISM: Rattus norvegicus
US-10-055-877-206

Query Match 14.4%; Score 167.5; DB 6; Length 188;
Best Local Similarity 28.7%; Pred. No. 3.2e-09;
Matches 43; Conservative 21; Mismatches 71; Indels 15; Gaps 4;

Qy 54 LSELHSHVSSITCFSEGTQKVPAMCCCPASWKSFGSSCYFTSSBEKWSKSEQNCVEMGAH 113
Db 50 LMSLLVQRTLCGSGKFMSCQSCPCNLWNRNGSHCYFYSMEKRDWNSSLKFCADKGS 109

Qy 114 LVFNTAEQNFIYQQLNESFSYFLGLSDPQGNNNWQIDKTPYKKNRVFWHLGEPNHA 173
Db 110 LLTFPDNQGNLFQYVGEDF-YWIGLRDIDG---WRWEDGPALSLSIL-----SNSVV 159

Qy 174 EQCAIVFWKPTGKWDNDVICETRRNICE 203
Db 160 QKCGTI-----HRCGLHASCEVALQWICE 184

RESULT 8
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```

US-10-055-877-209
; Sequence 209, Application US/10055877
; Publication No. US20050288241A1
; GENERAL INFORMATION:
; APPLICANT: DeCristofaro, Marc
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Miller, Charles
; APPLICANT: Tchernev, Velizar
; APPLICANT: Zhong, Mei
; APPLICANT: Anderson, David
; APPLICANT: Ballinger, Robert
; APPLICANT: Gerlach, Valerie
; APPLICANT: Spytek, Kimberly
; APPLICANT: Ratelli, Luca
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Guo, Xiaojia
; APPLICANT: Zerhusen, Bryan
; APPLICANT: Andrew, David
; APPLICANT: Mezes, Peter
; APPLICANT: Patturajan, Meera
; APPLICANT: Burgess, Catherine
; APPLICANT: Eisen, Andrew
; APPLICANT: Wolenc, Adam
; APPLICANT: Baumgartner, Jason
; APPLICANT: Shimkets, Richard
; APPLICANT: Gusev, Vladimir
; APPLICANT: Vernet, Corine
; APPLICANT: Taupier Jr., Raymond
; APPLICANT: Pena, Carol
; APPLICANT: Shenoy, Suresh
; APPLICANT: Li, Li
; APPLICANT: Casman, Stacie
; APPLICANT: Boldog, Ference
; TITLE OF INVENTION: Novel Polypeptides and Nucleic Acids Encoded Thereby
; FILE REFERENCE: 21402-251
; CURRENT APPLICATION NUMBER: US/10/055,877
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 60/262,892
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: 60/263,598
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/263,799
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: 60/264,117
; PRIOR FILING DATE: 2001-01-25
; PRIOR APPLICATION NUMBER: 60/264,139
; PRIOR FILING DATE: 2001-01-25
; PRIOR APPLICATION NUMBER: 60/264,478
; PRIOR FILING DATE: 2001-01-26
; PRIOR APPLICATION NUMBER: 60/263,351
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 60/272,870
; PRIOR FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 60/275,990
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/275,927
; PRIOR FILING DATE: 2001-03-14
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 512
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 209
; LENGTH: 189
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-055-877-209

Query Match 14.2%; Score 166; DB 6; Length 189;
Best Local Similarity 25.1%; Pred. No. 4.5e-09;
Matches 50; Conservative 37; Mismatches 74; Indels 38; Gaps 9;

Qy 5 QQPQSTKRGWLSRLMSVAGISIALLSACFVSCVWYHYFYGTGKRLSELHSHSS 64
Db 25 QQKSSSKPSCSCL-----VAITGLLTA--VLLSVLLYQWI-----LCQGSNYSTCA 70
```


APPLICANT: Anderson, David
APPLICANT: Ballinger, Robert
APPLICANT: Gerlach, Valerie
APPLICANT: Spytek, Kimberly
APPLICANT: Ratelli, Luca
APPLICANT: Kekuda, Ramesh
APPLICANT: Guo, Xiaojia
APPLICANT: Zerhusen, Bryan
APPLICANT: Andrew, David
APPLICANT: Mezes, Peter
APPLICANT: Patturajan, Meera
APPLICANT: Burgess, Catherine
APPLICANT: Eisen, Andrew
APPLICANT: Wolenc, Adam
APPLICANT: Baumgartner, Jason
APPLICANT: Shimkets, Richard
APPLICANT: Gusev, Vladimir
APPLICANT: Vernet, Corine
APPLICANT: Taupier Jr., Raymond
APPLICANT: Pena, Carol
APPLICANT: Shenoy, Suresh
APPLICANT: Li, Li
APPLICANT: Casman, Stacie
APPLICANT: Boldog, Ference
TITLE OF INVENTION: Novel Polypeptides and Nucleic Acids Encoded Thereby
FILE REFERENCE: 21402-251
CURRENT APPLICATION NUMBER: US/10/055,877
CURRENT FILING DATE: 2002-01-22
PRIORITY APPLICATION NUMBER: 60/262,892
PRIORITY FILING DATE: 2001-01-19
PRIORITY APPLICATION NUMBER: 60/263,598
PRIORITY FILING DATE: 2001-01-23
PRIORITY APPLICATION NUMBER: 60/263,799
PRIORITY FILING DATE: 2001-01-24
PRIORITY APPLICATION NUMBER: 60/264,117
PRIORITY FILING DATE: 2001-01-25
PRIORITY APPLICATION NUMBER: 60/264,139
PRIORITY FILING DATE: 2001-01-25
PRIORITY APPLICATION NUMBER: 60/264,478
PRIORITY FILING DATE: 2001-01-26
PRIORITY APPLICATION NUMBER: 60/263,351
PRIORITY FILING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: 60/272,870
PRIORITY FILING DATE: 2001-03-02
PRIORITY APPLICATION NUMBER: 60/275,990
PRIORITY FILING DATE: 2001-03-14
PRIORITY APPLICATION NUMBER: 60/275,927
PRIORITY FILING DATE: 2001-03-14
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 512
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 208
LENGTH: 195
TYPE: PRT
ORGANISM: Homo sapiens
US-10-055-877-208

Query Match 13.8%; Score 160.5; DB 6; Length 195;
Best Local Similarity 24.9%; Pred. No. 1.6e-08;
Matches 45; Conservative 37; Mismatches 66; Indels 33; Gaps 8;

QY 23 VAGISIALLSACTIVSCVYTHFTYGTGKRLSELHSHSLTCFSEGTQVPAWGCPAS 82
Db 38 LVAIALGLLTA--VLLSVLLYQMI-----LCQGSNYSTCASCPS-----CPDR 78
QY 83 WKSGFSSCYISSEKVKWSSEONCEVMEGAHLVVFNTAEQNFIVQQLNESFSYFLGLSD 142
Db 79 WKYKGNHCYFSEKVDKNSLSRECLARDSHLLVITDQNSLLQVFLSAPCW-ICL-- 135
QY 143 PQGNNNQWIDKTPYEKNRVRFWHLGEPNHSABQOCASIVFWKPTGWNVDVICETRRNSIC 202
Db 136 -RNNSGRWEDGSP-----LNFSRISS-NSFVQTGAI-----NKGGLQASSCEVPLHWVC 184

QY 203 E 203
Db 185 K 185
RESULT 12
US-10-877-346-70
Sequence 70, Application US/10877346
Publication No. US20060014153A1
GENERAL INFORMATION:
APPLICANT: Gerlach, Valerie L
APPLICANT: MacDougall, John R
APPLICANT: Smithson, Glenda
APPLICANT: Millet, Isabelle
APPLICANT: Stone, David
APPLICANT: Gunther, Erik
APPLICANT: Ellerman, Karen
APPLICANT: Grosse, William M
APPLICANT: Alsobrook II, John P
APPLICANT: Lepley, Denise M
APPLICANT: Burgess, Catherine E
APPLICANT: Padigaru, Muralidhara
APPLICANT: Kekuda, Ramesh
APPLICANT: Spytek, Kimberly A
APPLICANT: Leach, Martin D
APPLICANT: Shimkets, Richard A
TITLE OF INVENTION: Novel Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-124
CURRENT APPLICATION NUMBER: US/10/877,346
CURRENT FILING DATE: 2004-06-25
PRIORITY APPLICATION NUMBER: US/09/964,956
PRIORITY FILING DATE: 2001-09-26
PRIORITY APPLICATION NUMBER: 60/235,631
PRIORITY FILING DATE: 2000-09-27
PRIORITY APPLICATION NUMBER: 60/235,633
PRIORITY FILING DATE: 2000-09-27
PRIORITY APPLICATION NUMBER: 60/235,808
PRIORITY FILING DATE: 2000-09-27
PRIORITY APPLICATION NUMBER: 60/236,064
PRIORITY FILING DATE: 2000-09-27
PRIORITY APPLICATION NUMBER: 60/236,065
PRIORITY FILING DATE: 2000-09-27
PRIORITY APPLICATION NUMBER: 60/236,066
PRIORITY FILING DATE: 2000-09-27
PRIORITY APPLICATION NUMBER: 60/236,135
PRIORITY FILING DATE: 2000-09-28
PRIORITY APPLICATION NUMBER: 60/237,434
PRIORITY FILING DATE: 2000-10-03
PRIORITY APPLICATION NUMBER: 60/238,321
PRIORITY FILING DATE: 2000-10-05
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 127
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 70
LENGTH: 107
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Lectin C-type
OTHER INFORMATION: domain Consensus Sequence
US-10-877-346-70

Query Match 13.4%; Score 156; DB 6; Length 107;
Best Local Similarity 32.4%; Pred. No. 2.3e-08;
Matches 36; Conservative 18; Mismatches 49; Indels 8; Gaps 4;
QY 96 EEKWSKSPQNCVEMGAHLVVFNTAEQNFIVQQLNESFSYFLGLSDPQGNNNQWIDK 154
Db 1 EKTWAEAAQAACQKGGGLVSTQSAEQDFLSLTAKSNYSYAWIGLTDINTEGTWWTG 60
QY 155 TPYEKNRVRFWHLGEPNH--SABQOCASIVFWKPTGWNVDVICETRRNSICE 203
Db 61 SPV--NYTNWAPGEPNRRGNKEDCVEIY---TDGNKNWDEPCGSKLPYVCE 106

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RESULT 13
US-10-131-826A-458
; Sequence 458, Application US/10131826A
; Publication No. US20050245730A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Deenoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C128
; CURRENT APPLICATION NUMBER: US/10/131.826A
; CURRENT FILING DATE: 2002-04-24
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 458
; LENGTH: 280
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-826A-458

Query Match      13.0%; Score 151.5; DB 6; Length 280;
Best Local Similarity 21.0%; Pred. No. 1.9e-07;
Matches 50; Conservative 34; Mismatches 101; Indels 53; Gaps 9;

QY      6 QPSTKRGWLSRLWSVAGISIALSACFI-----VSCVVTYHTY----- 47
Db      34 EPRTEHRAPSS--TW--RPVALTLLTCLVLLIGLALGLLFFQYYQLSNTGQDTISQM 89
QY      48 ----GETGKRLSELHSHYSLT-----CFSEGTKVPWGC--CPASWKSFGSSCY 91
Db      90 EERLGNTSQELSQLQVQNIKLQSLQHVAEKLCRELYNKAGAHRCSPCTEQWKWHDGNCY 149
QY      92 FISSEKVKSEQNCVEMGAHLVVFTEAEQNFIVQQLNESF--SYFLGLSDPQGNW 149
Db      150 QFYKDSKSWEDCKYFCLSENSTMLKINKQEDLEFAASQSYSEFFYSYWTGLLRPDSGKAW 209

QY      150 QMIDKTPYEKNVRFWHLGEPNHSABEQCASIVFWKPTGWMGNDVI-----CETRNSICE 203
Db      210 LWMDDGTPFTSELFPHIIDVTSPSRDCVAIL-----NGMIFSKDCKELKRCVCE 258
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RESULT 14
US-10-689-742-160
; Sequence 160, Application US/10689742
; Publication No. US20050250180A1
; GENERAL INFORMATION:
; APPLICANT: Jacobs, Kenneth
; APPLICANT: McCoy, John M
; APPLICANT: Lavalie, Edward R
; APPLICANT: Racie, Lisa A
; APPLICANT: Evans, Cheryl
; APPLICANT: Merberg, David
; APPLICANT: Treacy, Maurice
; APPLICANT: Spaulding, Vikki
; TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM
; FILE REFERENCE: 00766.000091.10
; CURRENT APPLICATION NUMBER: US/10/689,742
; CURRENT FILING DATE: 2003-10-22
; PRIOR APPLICATION NUMBER: 09/746,783
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 160
; LENGTH: 280
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-689-742-160

Query Match      13.0%; Score 151.5; DB 6; Length 280;
Best Local Similarity 21.0%; Pred. No. 1.9e-07;
Matches 50; Conservative 34; Mismatches 101; Indels 53; Gaps 9;

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QY      48 ----GETGKRLSELHSHYSLT-----CFSEGTKVPWGC--CPASWKSFGSSCY 91
Db      90 EERLGNTSQELSQLQVQNIKLQSLQHVAEKLCRELYNKAGAHRCSPCTEQWKWHDGNCY 149
QY      92 FISSEKVKSEQNCVEMGAHLVVFTEAEQNFIVQQLNESF--SYFLGLSDPQGNW 149
Db      150 QFYKDSKSWEDCKYFCLSENSTMLKINKQEDLEFAASQSYSEFFYSYWTGLLRPDSGKAW 209

QY      150 QMIDKTPYEKNVRFWHLGEPNHSABEQCASIVFWKPTGWMGNDVI-----CETRNSICE 203
Db      210 LWMDDGTPFTSELFPHIIDVTSPSRDCVAIL-----NGMIFSKDCKELKRCVCE 258

RESULT 15
US-10-973-115B-458
; Sequence 458, Application US/10973115B
; Publication No. US20060040351A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Deenoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
```

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; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING
; TITLE OF INVENTION: SAME
; FILE REFERENCE: 39870-3330R1C300C1
; CURRENT APPLICATION NUMBER: US/10/973,115B
; CURRENT FILING DATE: 2004-10-22
; PRIOR APPLICATION NUMBER: US 10/145,747
; PRIOR FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: US 10/028,072
; PRIOR FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 09/581,742
; PRIOR FILING DATE: 2000-06-16
; PRIOR APPLICATION NUMBER: PCT/US00/05746
; PRIOR FILING DATE: 2000-03-02
; PRIOR APPLICATION NUMBER: US 60/135,736
; PRIOR FILING DATE: 1999-05-25
; PRIOR APPLICATION NUMBER: US 60/123,090
; PRIOR FILING DATE: 1999-03-05
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 458
; LENGTH: 280
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-973-115B-458
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Query Match      13.0%; Score 151.5; DB 6; Length 280;
Best Local Similarity 21.0%; Pred. No. 1.9e-07;
Matches 50; Conservative 34; Mismatches 101; Indels 53; Gaps 9;

Qy      6 QPQSTKRGWLSRLMSVAGISIALSACFI---VSCVVTYHFTY----- 47
Db      34 EPRRTEHRAPSS--TW--RPVALTLLCLVLLGLAALGLLFFQYVQLSNTGQDTISQM 89
Qy      48 ----GETGKRLSELHSHVHSLT-----CFSEGTKVPANGC--CPASWKSFGSSCY 91
Db      90 EERLGNTSQELSQLQVQNIKLQSLQHVAEKLCRELKYNKAGAHRCSPCTEQWKWHDGNCY 149
Qy      92 FISSEKVKWSKQNCVEMGAHLVVFNTAEQNFIVQQLNESF--SYFLGLSDPQGNNNW 149
Db      150 QFYKDSKSWEDCKYFCLSENSTMLKINKQEDLEFAASQSYSEPFYSYWTGTLRPDSKAW 209
Qy      150 QWIDKTPYEKNVRFWHLGEPNHSQAQCASIVFWKPTGWNVDVI---CETRNSICE 203
Db      210 LWDGTPFTSELPHIIDIIVTSRSDCVAIL-----NGMIFSKDCKELKRCVCE 258
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Search completed: March 28, 2006, 08:40:39
Job time : 77 secs

GenCore version 5.1.7
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM protein - nucleic search, using frame_plus_p2n model

Run on: March 28, 2006, 09:56:35 ; Search time 178 Seconds
(without alignments)
2087.137 Million cell updates/sec

Title: US-09-766-511B-53
Perfect score: 1165
Sequence: 1 MMQEQPQSTKRGWLSRL.....NDVICTRNSICEMNKIYL 209

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Scoring table: Xgapop 10.0, Xgapext 0.5
Ygapop 10.0, Ygapext 0.5
Fgapop 6.0, Fgapext 7.0
Delop 6.0, Delext 7.0

Searched: 1303057 seqs, 888780828 residues

Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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-O=/abss/ABSSWEB.spool/US09766511/runat.28032006.082132.3955/app.query.fasta_1

-DB=Issued Patents NA -QFIX=fastap -SUFFIX=ini -MINMATCH=0.1 -LOOPCL=0

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-MODE=LOCAL -OUTFMT=ptc -NORM=ext -HEAPSIZE=500 -MINLEN=0 -MAXLEN=2000000000

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-DEV TIMEOUT=120 -WARN TIMEOUT=30 -THREADS=1 -XGAPOP=10 -XGAPEXT=0.5 -FGAPOP=6

-FGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

Database : Issued Patents NA.*

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2: /cgn2_6/ptodata/1/ina/5 COMB.seq.*

3: /cgn2_6/ptodata/1/ina/6A COMB.seq.*

4: /cgn2_6/ptodata/1/ina/6B COMB.seq.*

5: /cgn2_6/ptodata/1/ina/H COMB.seq.*

6: /cgn2_6/ptodata/1/ina/PCTUS COMB.seq.*

7: /cgn2_6/ptodata/1/ina/PP COMB.seq.*

8: /cgn2_6/ptodata/1/ina/RE COMB.seq.*

9: /cgn2_6/ptodata/1/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a

score greater than or equal to the score of the result being printed,

and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	793	68.1	1227	3	US-08-772-440-3
2	679	58.3	501	3	US-08-772-440-20
3	565	48.5	393	3	US-08-772-440-22
4	458	39.3	1104	3	US-09-111-470-1
5	458	39.3	1104	3	US-09-862-802A-1
6	458	39.3	1271	3	US-09-949-002-120
7	436	37.4	1418	3	US-09-111-470-7
8	436	37.4	1418	3	US-09-862-802A-7
9	406.5	34.9	2076	3	US-09-489-847-51

10	398.5	34.2	997	3	US-09-907-794A-376	Sequence 376, App
11	398.5	34.2	997	3	US-09-905-125A-376	Sequence 376, App
12	398.5	34.2	997	3	US-09-902-775A-376	Sequence 376, App
13	398.5	34.2	997	3	US-09-906-700-376	Sequence 376, App
14	398.5	34.2	997	3	US-09-903-603A-376	Sequence 376, App
15	398.5	34.2	997	3	US-09-904-920A-376	Sequence 376, App
16	398.5	34.2	997	3	US-09-909-064-376	Sequence 376, App
17	398.5	34.2	997	3	US-09-905-381A-376	Sequence 376, App
18	398.5	34.2	997	3	US-09-906-618-376	Sequence 376, App
19	398.5	34.2	997	3	US-09-906-646-376	Sequence 376, App
20	398.5	34.2	997	3	US-09-904-462-376	Sequence 376, App
21	398.5	34.2	997	3	US-09-902-736A-376	Sequence 376, App
22	398.5	34.2	997	3	US-09-906-722A-376	Sequence 376, App
23	356.5	30.6	2059	3	US-09-489-847-119	Sequence 119, App
24	348	29.9	334	3	US-09-016-434-698	Sequence 698, App
25	252.5	21.7	1348	3	US-09-949-016-4090	Sequence 4090, App
26	251.5	21.6	1458	3	US-09-111-470-3	Sequence 3, Appl1
27	251.5	21.6	1458	3	US-09-862-802A-3	Sequence 3, Appl1
28	250	21.5	1370	3	US-09-111-470-9	Sequence 9, Appl1
29	250	21.5	1370	3	US-09-862-802A-9	Sequence 9, Appl1
30	247	21.2	2318	3	US-09-620-312D-733	Sequence 733, App
31	235	20.2	1212	3	US-09-591-435-9	Sequence 9, Appl1
32	235	20.2	1212	3	US-10-098-600B-9	Sequence 9, Appl1
33	235	20.2	1312	3	US-09-517-608-1	Sequence 11, Appl1
34	234	20.1	1212	3	US-09-591-435-11	Sequence 11, Appl1
35	234	20.1	1212	3	US-10-098-600B-11	Sequence 11, Appl1
36	232	19.9	1212	3	US-09-591-435-10	Sequence 10, Appl1
37	232	19.9	1212	3	US-10-098-600B-10	Sequence 10, Appl1
38	229.5	19.7	10409	3	US-08-772-440-33	Sequence 33, Appl1
39	223	19.1	152	3	US-08-772-440-40	Sequence 40, Appl1
40	207.5	17.8	1547	3	US-09-787-192-1	Sequence 1, Appl1
41	200.5	17.2	1224	3	US-09-949-016-4091	Sequence 4091, Ap
42	200.5	17.2	1277	3	US-09-016-434-1186	Sequence 1186, Ap
43	194.5	16.7	1756	3	US-09-787-192-10	Sequence 10, Appl1
44	192.5	16.5	4771	3	US-08-840-062-3	Sequence 3, Appl1
45	192	16.5	900	3	US-09-799-451-854	Sequence 854, App

ALIGNMENTS

RESULT 1

US-08-772-440-3
; Sequence 3, Application US/08772440
; Patent No. 6046158

; GENERAL INFORMATION:

; APPLICANT: Ariizumi, Kiyoshi

; APPLICANT: Takashima, Akira

; TITLE OF INVENTION: UNIQUE DENDRITIC CELL-ASSOCIATED C-TYPE

; TITLE OF INVENTION: LECTINS, DECTIN-1 AND DECTIN-2; COMPOSITIONS AND USES

; NUMBER OF INVENTION: THEREOF

; NUMBER OF SEQUENCES: 42

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Arnold, White & Durkee

; STREET: P.O. Box 4433

; CITY: Houston

; STATE: Texas

; COUNTRY: USA

; ZIP: 77210

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/772,440

; FILING DATE: CONCURRENTLY HERewith

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Parker, David L.

; REGISTRATION NUMBER: 32,165

; REFERENCE/DOCKET NUMBER: UTXD:493

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 512/418-3000

```
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1227 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-772-440-3

Alignment Scores:
Pred. No.: 3,25e-81 Length: 1227
Score: 793.00 Matches: 145
Percent Similarity: 77.0% Conservatives: 19
Best Local Similarity: 68.1% Mismatches: 41
Query Match: 68.1% Indels: 8
DB: 3 Gaps: 4

US-09-766-511B-53 (1-209) x US-08-772-440-3 (1-1227)

QY 1 MetMetGlnGlnGlnProGlnSerThrGluLysArgGly-----TrpLeuSerLeu 18
Db 146 ATGGTCAGAAAGACAAATCCCAAGGG-----AAGGGAGTCTGCTGG---ACCCTG 193
QY 19 ArgLeuTrpSerValaAGlylleSerlleAlaLeuLeuSerAlaCysPheilleValSer 38
Db 194 AGACTCTGGTCAGCTGCTGTGATTTCCATGTTACTCTTGAGTACCTGTTTCATTCGCGAGC 253
QY 39 CysValValThrTrpHisPheThrTrpGlyGluThrGlyLysArgLeuSerGluLeuHis 58
Db 254 TGTGTGGTGACTTACCAATTTATTATGGACCACGCCAGTGAAGAGACTATATGAATTCAC 313
QY 59 SerTrpHisSerSerLeuThrCysPheSerGluGlyThrLysVal-----ProAlaTrp 76
Db 314 ACATACCAATTCAGTCTCCTCAGTGAAGGAGCTATGCTGCAGAAAAAATGTGG 373
QY 77 GlyCysCysProAlaSerTrpLysSerPheGlySerSerCysTrpPheilleSerSerGlu 96
Db 374 GGAATGTCGCCAAATCAGTGAAGTATTTGGCTCCAGCTGCTACCTCATTTCTACCAAG 433
QY 97 GluLysValTrpSerLysSerGluGlnAsnCysValGluMetGlyAlaHisLeuValVal 116
Db 434 GAGAACTTCGGAGACACCACTGAGCAGAACTGTTTCAGATGGGGCTCATCTGGTGGTG 493
QY 117 PheAsnThrGluAlaGluGlnAsnPheilleValGlnGlnLeuAsnGluSerPheSerTrp 136
Db 494 ATCAATACTGAAGCGGAGCAGAAATTTTCATCACCAGCAGCTGAATGAGTCACTTTCTTAC 553
QY 137 PheLeuGlyLeuSerAspProGlnGlyAsnAsnTrpGlnTrpIleAspLysThrPro 156
Db 554 TTCCTGGGTCTTTCCGATCCACAAAGTATGGCAATGGCAATGGATCGATGATATCTCCT 613
QY 157 TyrGluLysAsnValArgPheTrpHisLeuGlyGluProAsnHisSerAlaGluGlnCys 176
Db 614 TTCAGTCAAAATGTCAGTTCTGGCACCCCATGACCCCAATCTTCCAGAAAGCGGTGT 673
QY 177 AlaSerlleValPheTrpLysProThrGlyTrpGlyTrpAsnAspValilleCysGluThr 196
Db 674 GTTTCATAGTTTACTTGAATCCCTTCGAAATGGGGCTGGAATGATGTTTCTCTGTAGT 733
QY 197 ArgArgAsnSerlleCysGluMetAsnLysIleTyrLeu 209
Db 734 AAACACAAATTCATATGTGAATGAAGAGATTTACCTA 772

RESULT 2
US-08-772-440-20
; Sequence 20, Application US/08772440
; Patent No. 6046158
; GENERAL INFORMATION:
; APPLICANT: Arizumi, Kiyoshi
; APPLICANT: Takashima, Akira
; TITLE OF INVENTION: UNIQUE DENDRITIC CELL-ASSOCIATED C-TYPE
; TITLE OF INVENTION: LECTINS, DECTIN-1 AND DECTIN-2; COMPOSITIONS AND USES
; TITLE OF INVENTION: THEREOF
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; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/772,440
; FILING DATE: CONCURRENTLY HERewith
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Parker, David L.
; REGISTRATION NUMBER: 32,165
; REFERENCE/DOCKET NUMBER: UTXD:493
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 501 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-772-440-20

Alignment Scores:
Pred. No.: 1.04e-68 Length: 501
Score: 679.00 Matches: 118
Percent Similarity: 79.0% Conservatives: 14
Best Local Similarity: 70.7% Mismatches: 33
Query Match: 58.3% Indels: 2
DB: 3 Gaps: 1

US-09-766-511B-53 (1-209) x US-08-772-440-20 (1-501)

QY 45 PheThrTrpGlyGluThrGlyLysArgLeuSerGluLeuHisSerTrpHisSerSerLeu 64
Db 1 TTTATATGAGCAGCCAGTAGAGACTATATGAATTCACACATACCATTCAGCTC 60
QY 65 ThrCysPheSerGluGlyThrLysVal-----ProAlaTrpGlyCysCysProAlaSer 82
Db 61 ACCTGCTTCAGTGAAGGAGCTATGCTGCAGAAAAAATGTGGGATGCTGCCCAATCAC 120
QY 83 TrpLysSerPheGlySerSerCysTrpPheilleSerSerGluGluLysValTrpSerLys 102
Db 121 TGGAAAGTCAATTTGGCTCCAGCTGCTACCTCATTTTACCAGAGAGAACTTCTGGAGCACC 180
QY 103 SerGluGlnAsnCysValGluMetGlyAlaHisLeuValValPheAsnThrGluAlaGlu 122
Db 181 AGTGACAGAACTGTGTTTCAGATGGGGCTCATCTGTGTGTGATCAATACTGAAGCGGAG 240
QY 123 GlnAsnPheilleValGlnGlnLeuAsnGluSerPheSerTrpPheLeuGlyLeuSerAsp 142
Db 241 CAGAAATTCATCACCAGCAGCTGAATGAGTCACTTTCTTACTTCTCTGGGTCTTTCCGGAT 300
QY 143 ProGlnGlyAsnAsnAsnTrpGlnTrpIleAspLysThrProTyrGluLysAsnValArg 162
Db 301 CCACAAAGTAATGGCAAAATGGCAATGGATCGATGATGATCTCTTTCAGTCAAAATGTCAGG 360
QY 163 PheTrpHisLeuGlyGluProAsnHisSerAlaGluGlnCysAlaSerlleValPheTrp 182
Db 361 TTCTGGCAGCCCCCATGAACCCCAATCTTCCAGAGAGCGGTGTGTTTCAATAGTTTACTGG 420
QY 183 LysProThrGlyTrpGlyTrpAsnAspValilleCysGluThrArgArgAsnSerlleCys 202
Db 421 AATCCTTCGAAATGGGGCTGGAATGATGTTTCTGTGTAGTAGTAACACAAATTCATATGT 480
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Qy 203 GluMetAsnLysIleTyrLeu 209
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RESULT 3
US-08-772-440-22
; Sequence 22, Application US/08772440
; Patent No. 6046158
; GENERAL INFORMATION:
; APPLICANT: Ariizumi, Kiyoshi
; APPLICANT: Takashima, Akira
; TITLE OF INVENTION: UNIQUE DENDRITIC CELL-ASSOCIATED C-TYPE
; TITLE OF INVENTION: LECTINS, DECTIN-1 AND DECTIN-2; COMPOSITIONS AND USES
; TITLE OF INVENTION: THEREOF
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/772,440
; FILING DATE: CONCURRENTLY HERewith
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Parker, David L.
; REGISTRATION NUMBER: 32,165
; REFERENCE/DOCKET NUMBER: UTXD:493
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 393 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-772-440-22

Alignment Scores:
Pred. No.: 9.08e-56 Length: 393
Score: 565.00 Matches: 96
Percent Similarity: 81.7% Conservative: 11
Best Local Similarity: 73.3% Mismatches: 24
Query Match: 48.5% Indels: 0
DB: 3 Gaps: 0

US-09-766-511B-53 (1-209) x US-08-772-440-22 (1-393)
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Db 1 TGCCCAATCCTGGAGTCACTTGGCTCAGCTGCTACCTCAATTTCCACAGAGGAGAAC 60

Qy 99 ValTrpSerLysSerGluGlnAsnCysValGluMetGlyAlaHisLeuValValPheAsn 118
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Db 61 TTCTGGAGCACCAGTGAGCAGACTGTTCAGATGGGGCTCATCTGGTGGTGATCAAT 120

Qy 119 ThrGluAlaGluGlnAsnPheIleValGlnGlnLeuAsnGluSerPheSerTyrPheLeu 138
| | | | |
Db 121 ACTGAAGCGGAGCAGAGATTTTCATCAGCCAGCAGTGAATGAGTCACTTTCTTACTTCTCG 180

Qy 139 GlyLeuSerAspProGlnGlyAsnAsnTrpGlnTrpIleAspLysThrProTyrGlu 158
| | | | |
Db 181 GGCTCTTCGGATCCACAAGGTAATGGCAATGGCAATGGATCGATGATCTCTTTCAGT 240

Qy 159 LysAsnValArgPheTrpHisLeuGlyGluProAsnHisSerAlaGluGlnCysAlaSer 178
| | | | |
Db 241 CAAAATGTCTGGTCTGGCAGCCCAATGAACCAATCTTCCAGAGAGCGGTGTGTTTCA 300

Qy 179 IleValPheTrpLysProThrGlyTrpGlyTyrAsnAspValIleCysGluThrArgArg 198
| | | | |
Db 301 ATAGTTTACTGGAATCCTTCGAAATGGGCTGGAATGATGTTTCTGTGATAGTAACAC 360

Qy 199 AsnSerIleCysGluMetAsnLysIleTyrLeu 209
| | | | |
Db 361 AATTCATATGTGAATGAAGAGATTACCTA 393

RESULT 4
US-09-111-470-1
; Sequence 1, Application US/09111470
; Patent No. 6277959
; GENERAL INFORMATION:
; APPLICANT: Valladeau, Jenny
; APPLICANT: Ravel, Odile
; APPLICANT: Bates, Elizabeth E.M.
; APPLICANT: Ford, John
; APPLICANT: Saeland, Sem
; APPLICANT: Lebecque, Serge J.E.
; TITLE OF INVENTION: Mammalian Membrane Protein Genes;
; TITLE OF INVENTION: Related Reagents
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DNAX Research Institute
; STREET: 901 California Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/111,470
; FILING DATE: 08-JUL-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/053,080
; FILING DATE: 09-JUL-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ching, Edwin P.
; REGISTRATION NUMBER: 34,090
; REFERENCE/DOCKET NUMBER: SF0695
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650)852-9196
; TELEFAX: (650)496-1200
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1104 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 242..952
US-09-111-470-1

Alignment Scores:
Pred. No.: 8.93e-43 Length: 1104
Score: 458.00 Matches: 83
Percent Similarity: 62.6% Conservative: 34
Best Local Similarity: 44.4% Mismatches: 66
Query Match: 39.3% Indels: 4
DB: 3 Gaps: 3

US-09-766-511B-53 (1-209) x US-09-111-470-1 (1-1104)
```

Qy	26	IleSerIleAlaLeuLeuSerAlaCysPheIleValSerCysValValThrTyrHisPhe	45
Db	395	ATATTTTCCTGCTAATTGGCAATCTCATTTATTGCTTTGTCTTCTTCTTCAA---	451
Qy	46	ThrTyrGlyGluThrGlyLysArgLeuSerGluLeuHisSerTyrHisSerSerLeuThr	65
Db	452	AAATATTCTCAGCTTCTTGAAAAAAGAAGACTACAAAAGAGCTGGTTCATACAACATTGGAG	511
Qy	66	CysPheSerGluGlyThrLysVal-----ProAlaIatrpGlyCysCysProAlaSerTrp	83
Db	512	TGTGTGAATAAATAATGCCCGTGGAGAGACAGCGCTGGAGCTGTGTGCCCAAGAATTCG	571
Qy	84	LysSerPheGlySerSerCysTyrPheIleSerSerGluGluLysValTrpSerLysSer	103
Db	572	AAGTCATTAGTTCCAACTGCCTACTTATTCTACTGAATCAGCATCTTGGCAAGACAGT	631
Qy	104	GluGlnAsnCyseValGluMetClyAlaHisLeuValValPheAsnThrGluAlaGluGln	123
Db	632	GAGAAGGAGCTGTGCTAGAAATGGAGGCTCACCTGCTGGTGATTAACACTCAAGAGAGCAG	691
Qy	124	AsnPheIleValGlnGlnLeuAsnGluSerPheSerTyrPheLeuGlyLeuSerAspPro	143
Db	692	GATTTCATCTCCAGAATCTGCAAGAGAAGAACTGCTTATTTTGTGGGGCTCTCAGATCCA	751
Qy	144	GlnGlyAsnAsnAsnTrpGlnTrpIleAspLysThrProTyrGlnLysAsnValArgPhe	163
Db	752	GAAGGTCAGCGCAATTTGGCAATGGGTTGATCAGACACCACATACAATGAAATGTTCCACATTC	811
Qy	164	TrpHisLeuGlyGluProAsnHisSerAlaGluGlnCyseAlaSerIleValPheTrpLys	183
Db	812	TGGCATCCACGTGAGCCCGAGTGATCCCAATGAGCGCTGCGTGTGTGCTAAATTTTCGTAA	871
Qy	184	---ProThrGlyTrpGlyTrpAsnAspValIleCysGluThrArgArgAsnSerIleCys	202
Db	872	TCACCCAAAAGATGGGCTGGHAATGATGTAAATGTCTTGGTCCCTCAAGGTCAGTTGT	931
Qy	203	GluMetAsnLysIleTyrLeu	209
Db	932	GAGATGATGAAGATCCACTTA	952

RESULT 5

```

US-09-862-802A-1
; Sequence 1, Application US/09862802A
; Patent No. 6756478
; GENERAL INFORMATION:
; APPLICANT: Valladeau, Jenny
; APPLICANT: Ravel, Odile
; APPLICANT: Bates, Elizabeth Ester Mary
; APPLICANT: Ford, John
; APPLICANT: Lebecque, Serge J.E.
; APPLICANT: Saeland, Sem
; TITLE OF INVENTION: Isolated Mammalian Membrane Protein Genes; Related Reagents
; FILE REFERENCE: SF0695 B
; CURRENT APPLICATION NUMBER: US/09/862,802A
; CURRENT FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: US 60/053,080
; PRIOR FILING DATE: 1997-07-09
; PRIOR APPLICATION NUMBER: US 09/111,470
; PRIOR FILING DATE: 1998-07-08
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 1104
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: mammalian nucleic acid and protein
; NAME/KEY: CDS
; LOCATION: (242)..(952)
; OTHER INFORMATION:
; US-09-862-802A-1

```

Alignment Scores:	8.93e-43	Length:	1104
Pred. No.:	458.00	Matches:	83
Score:	62.6%	Conservative:	34
Percent Similarity:	44.4%	Mismatches:	66
Best Local Similarity:	44.4%	Indels:	4
Query Match:	39.3%	Gaps:	3
DB:	3		

US-09-766-511B-53 (1-209) x US-09-862-802A-1 (1-1104)

Qy	26	IlSeRfLeAlAlLeuLeuSerAlaCySPhelLeValSerCySValValThrTyrHisPhe	45
Db	395	ATATTTTCCTGCTATTTGGCAATCTCATTTCTTTATTTGCTTTTGTCTCATTTCTTCAA	451
Qy	46	ThrTyrGlyGluThrGlyLysArgLeuSerGluLeuHisSerTyrHisSerSerLeuThr	65
Db	452	AAATATTTCTCAGCTTCTTGAATAAAGACTACTCAAAGAGCTGGTTCTATCAACATTTGGAG	511
Qy	66	CysPheSerGluGlyThrLysVal-----ProAlaTrpGlyCysCysProAlaSerTrp	83
Db	512	TGTGTGAATAAATAATGCCCGTGGGAAGACAGACGCTGGAGCTGTTGCCCAAAGAATTGG	571
Qy	84	LysSerPheGlySerSerCysTyrPheLleSerSerGluGluLysValTrpSerLysSer	103
Db	572	AAGTCATTTAGTTCCAACTGCTACTTTATTTCTTACTGAATCAGCATCTTGGCAAGACAG	631
Qy	104	GluGlnAsnCysValGluMetGlyAlaHisLeuValValPheAsnThrGluAlaGluGln	123
Db	632	GAGAAGACACTGCTGCTAGAAATGGAGGCTCACCTCTGCTGATAAACAATCAAGNAGACAG	691
Qy	124	AsnPheIleValGlnGlnLeuAsnGluSerPheSerTyrPheLeuGlyLeuSerAspPro	143
Db	692	GATTTCACTCTCAGAAATCTGCAAGAAGAATCTGCTTATTTGTGGGGCTCTCAGATCCA	751
Qy	144	GlnGlyAsnAsnAsnTrpGlnTrpIleAppLysThrProTyrGlnLysAsnValArgPhe	163
Db	752	GAAGGTCAAGCAGCATGGCAATGGCAATGGTTGATCAGACACCATACAAATGAAAGTTC	811
Qy	164	TrpHisLeuGlyGluProAsnHisSerAlaGluGlnCysAlaSerIleValPheTrpLys	183
Db	812	TGGCATCCAGTGAAGCCAGCTGATCCCAATGAGCGCTCGCTGTGCTAAATTTTCGTAA	871
Qy	184	---ProThrGlyTrpGlyTrpAsnAspValIleCysGluThrArgArgAsnSerIleCys	202
Db	872	TCACCCAAAGATGGGGCTGAATGATGTTAATTGCTTGGTCTCTCAAAGGTCAAGTTGT	931
Qy	203	GluMetAsnLysIleTyrLeu	209
Db	932	GAGATGATGAAGATCCACTTA	952

RESULT 6

```

US-09-949-002-120
; Sequence 120, Application US/09949002
; Patent No. 6900016
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH INFLAMMATORY AUTOIMMUNE DISEASE, METHODS OF DETECTION
; AND USES THEREOF
; TITLE OF INVENTION: WITH INFLAMMATORY AUTOIMMUNE DISEASE, METHODS OF DETECTION
; AND USES THEREOF
; FILE REFERENCE: CL000790
; CURRENT APPLICATION NUMBER: US/09/949,002
; CURRENT FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: 60/231,401
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 10823
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 120
; LENGTH: 1271
; TYPE: DNA
; ORGANISM: Human
US-09-949-002-120

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Alignment Scores:
Pred. No.: 1.11e-42 Length: 1271
Score: 458.00 Matches: 83
Percent Similarity: 62.6% Conservative: 34
Best Local Similarity: 44.4% Mismatches: 66
Query Match: 39.3% Indels: 4
DB: 3 Gaps: 3

US-09-766-511B-53 (1-209) x US-09-949-002-120 (1-1271)

QY 26 IleSerIleAlaLeuSerAlaCysPheIleValSerCysValValThrTyrHisPhe 45
Db ATATTTTCTGCTATGGCAATCTCTTTATTGCTTTTCATTTTCITCAA---451
QY 46 ThrTyrGlyGluThrGlyIleArgLeuSerGluLeuHisSerTyrHisSerSerLeuThr 65
Db AAATATCTCAGCTTCTTGAAGAAAGACCTACAAAGAGCTGTTTCATCAACATGGAG 511
QY 66 CysPheSerGluGlyThrIleVal-----ProAlaTrpGlyCysCysProAlaSerTrp 83
Db TGTGTGAAAAAATAATATGCCGTGGAAGAGACAGCTGGAGCTGTTGCCCAAGAAATGG 571
QY 84 LysSerPheGlySerSerCysTyrPheIleSerSerGluLeuValTrpSerLysSer 103
Db AAGTCATTTAGTTCCAACTGCTACTTTATTCTCTGAAATCAGCATCTTGGCAAGACAGT 631
QY 104 GluGlnAsnCysValGluMetGlyAlaHisLeuValValPheAsnThrGluAlaGluGln 123
Db GAGAAGACGTGCTAGATGGAGGCTCCTCTGCTGTGATAAACAACACTCAAGAGAGCAG 691
QY 124 AsnPheIleValGlnGlnLeuAsnGluSerPheSerTyrPheLeuGlyLeuSerAspPro 143
Db GATTTCATCTTCCAGATCTGCAAGAGAAATCTGCTTATTGTTGGGCTCTCAGATCCA 751
QY 144 GlnGlyAsnAsnAsnTrpGlnTrpIleAspLysTrpProTyrGluLysAsnValArgPhe 163
Db GAAGGTGAGCAGCATGGCAATGGTGTGATCAGACACCATACATAAAGTTCCACATTC 811
QY 164 TrpHisLeuGlyGluProAsnHisSerAlaGluGlnCysAlaSerIleValPheTrpLys 183
Db TGGCATCCAGTGAGCCGAGTATCCCAATGAGCGCTGCTGTTGCTAAATTTTCGTAAA 871
QY 184 ---ProThrGlyTrpGlyTrpAsnAspValIleCysGluThrArgAsnSerIleCys 202
Db TCACCCAAAGATGGGGCTGGAATGATGTTAATGCTTGGTCTCTCAAGGTCAGTTGT 931
QY 203 GluMetAsnLysIleTyrLeu 209
Db GAGATGATGAAGATCCACTTA 952

RESULT 7
US-09-111-470-7
; Sequence 7, Application US/09111470
; Patent No. 6277959
; GENERAL INFORMATION:
; APPLICANT: Valladeau, Jenny
; APPLICANT: Ravel, Odile
; APPLICANT: Bates, Elizabeth E.M.
; APPLICANT: Ford, John
; APPLICANT: Saeland, Sem
; APPLICANT: Lebecque, Serge J.E.
; TITLE OF INVENTION: Mammalian Membrane Protein Genes;
; TITLE OF INVENTION: Related Reagents
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESS: DNAX Research Institute
; STREET: 901 California Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
```

```
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/111,470
FILING DATE: 08-JUL-1998
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/053,080
FILING DATE: 09-JUL-1997
ATTORNEY/AGENT INFORMATION:
NAME: Ching, Edwin P.
REGISTRATION NUMBER: 34,090
REFERENCE/DOCKET NUMBER: SF0695
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 852-9196
TELEFAX: (650) 496-1200
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 1418 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 279...992
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1348
OTHER INFORMATION: /note= "poly-A addition motif"
US-09-111-470-7

Alignment Scores:
Pred. No.: 4.45e-40 Length: 1418
Score: 436.00 Matches: 85
Percent Similarity: 61.0% Conservative: 45
Best Local Similarity: 39.9% Mismatches: 73
Query Match: 37.4% Indels: 10
DB: 3 Gaps: 8

US-09-766-511B-53 (1-209) x US-09-111-470-7 (1-1418)

QY 3 GlnGluGlnProGlnSerThrGluLysArgGlyTrpLeuSerLeuArgLeuTrpSer 22
Db AGAGAGAAACCTATCGTGATCTAGAAAGCTGTTCCCTCCTCACTGCTTCTTACATCC 425
QY 23 ValAlaGlyIleSerIleAlaLeuSerAlaCysPheIleValSerCysValValThr 42
Db CTGATG---CTACTTCTCTCTGCTGCGCAATCACATCTTAGTTGCTTTTATCATTT---479
QY 43 TyrHisPheThrTyrGlyGlu---ThrGlyLysArgLeuSerGluLeuHisSerTyrHis 61
Db TATTTTCAAAAGTACTCTCAACTCTTGAAGAAAAAAGCTGCAAAAATAATAATATGCAC 539
QY 62 SerSerLeuThrCysPheSerGluGlyThrLysVal-----ProAlaTrpGlyCysCys 79
Db AATGAATTGAATGACACAAAAGTGTTCACCATCGGAAGACAAAGCTGAGCTGTTC 599
QY 80 ProAlaSerTrpLysSerPheGlySerSerCysTyrPheIleSer-----SerGluGlu 97
Db CCAAGAGATTGGAGGCTATTTGTTCCCACTGCTACTTGGTTCCCACTGTTCTTCTCATCA 659
QY 98 LysValTrpSerLysSerGluGlnAsnCysValGluMetGlyAlaHisLeuValValPhe 117
Db GCATCTTGGAAACAAGAGTGAAGAACTGCTCCCGCATGGGTGCTCATCTAGTGGTATC 719
QY 118 AsnThrGluAlaGluGlnAsnPheIleValGlnGlnLeuAsnGluSerPheSerTyrPhe 137
Db CAAAGCCAGAGAGAGAGGATTTTCATCTGCGGATCTTGGACACTCATCTGCTTATTTT 779
QY 138 LeuGlyLeuSerAspProGlnGlyAsnAsnTrpGlnTrpIleAspLysThrProTyr 157
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Db 780 ATAGGTTGTGGAT---ACAGGCCATCGCAATGCAATGGTTGATCAGACACCATAT 836
Qy 158 GluLysAsnValArgPheThrPHisLeuGlyGluProAsnHisSerAlaGluGlnCysAla 177
Db 837 GAAGAAAGTATCATCTTGGCAATATGGTGAGCCCGAGCGTGGCAATGAAAATGTGCT 896
Qy 178 SerIleValPhe---TrpLysProThrGlyTrpGlyTrpAsnAspValIleCysGluThr 196
Db 897 ACNATATTTACCGTTGGAG---ACTGGATGGGCTGGACCATATCTCTTGCAGTCTT 953
Qy 197 ArgArgAsnSerIleCysGluMetAsnLysIleTyrLeu 209
Db 954 AAACAGAGTCAGTTTGTGCAGATGAAGAAATAAACTTA 992
RESULT 8
US-09-862-802A-7
; Sequence 7, Application US/09862802A
; Patent No. 6756478
; GENERAL INFORMATION:
; APPLICANT: Valladeau, Jenny
; APPLICANT: Ravel, Odile
; APPLICANT: Bates, Elizabeth Ester Mary
; APPLICANT: Ford, John
; APPLICANT: Lebecque, Serge J.E.
; TITLE OF INVENTION: Isolated Mammalian Membrane Protein Genes; Related Reagents
; FILE REFERENCE: SF0695 B
; CURRENT APPLICATION NUMBER: US/09/862,802A
; PRIOR FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: US 60/053,080
; PRIOR FILING DATE: 1997-07-09
; PRIOR APPLICATION NUMBER: US 09/111,470
; PRIOR FILING DATE: 1998-07-08
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 1418
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: mammalian nucleic acid and protein
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (279)..(992)
; OTHER INFORMATION: protein coding sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1348)..(1348)
; OTHER INFORMATION: poly-A addition motif
US-09-862-802A-7
Alignment Scores:
Pred. No.: 4,45e-40 Length: 1418
Score: 436.00 Matches: 85
Percent Similarity: 61.0% Conservative: 45
Best Local Similarity: 39.9% Mismatches: 73
Query Match: 37.4% Indels: 10
DB: 3 Gaps: 8
US-09-766-511B-53 (1-209) x US-09-862-802A-7 (1-1418)
Qy 3 GlnGluGlnProGlnSerThrGluLysArgGlyTrpLeuSerLeuArgLeuTrpSer 22
Db 366 AGAGAGAAACCTATCCGTGATCTAAGAAAGCCTGGTTCCGCCCTCACTGCTTCTATCATCC 425
Qy 23 ValAlaGlyIleSerIleAlaLeuSerAlaCysPheIleValSerCysValValThr 42
Db 426 CTGATG---CTACTTCTCGTGTGCGCAATCACATCTTAGTGTCTTTATCATTT--- 479
Qy 43 TyrHisPheThrTyrGlyGlu---ThrGlyLysArgLeuSerGluLeuHisSerTyrHis 61
Db 480 TATTTTCAAAGTACTCTCAACTCTTTGGAAGAAAAAAGAGCTGCAAAAAATATAATGCAC 539
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```
Qy 62 SerSerLeuThrCysPheSerGluGlyThrLysVal-----ProAlaTrpGlyCysCys 79
Db 540 AATGAATTGAATGACACAAAAGTGTTCACCCATGGAAGACAAAGTCTGGAGCTGTTCG 599
Qy 80 ProAlaSerTrpLysSerPheGlySerCysSerCysTyrPheIleSer-----SerGluGlu 97
Db 600 CCAAGAGGATTTGGAGGCTATTTGGTTCCCACTGCTACTTGGTTCCCAACAGTTTCTTCATCA 659
Qy 98 LysValTrpSerLysSerGluGlnAsnCysValGluMetGlyAlaHisLeuValValPhe 117
Db 660 GCATCTTGGAAACAAGAGTGAAGAACTGCTCCCGCATGGGTGCTCATCTAGTGTGATC 719
Qy 118 AsnThrGluAlaGluGlnAsnPheIleValGlnGlnLeuAsnGluSerPheSerTyrPhe 137
Db 720 CAAAGCCAGAGAGCAGGATTTTCATCTCTGGATCTTTGGACATCATGCTGCTTATTTT 779
Qy 138 LeuGlyLeuSerAspProGlnGlyAsnAsnAsnTrpGlnTrpIleAspLysThrProTyr 157
Db 780 ATAGGTTGTGGAT---ACAGGCCATCGCAATGGCAATGGCAATGGTGTGATCAGACACCATAT 836
Qy 158 GluLysAsnValArgPheThrPHisLeuGlyGluProAsnHisSerAlaGluGlnCysAla 177
Db 837 GAAGAAAGTATCATCTTGGCACAATGTGTAGCCCGAGCGTGGCAATGAAAATGTGCT 896
Qy 178 SerIleValPhe---TrpLysProThrGlyTrpGlyTrpAsnAspValIleCysGluThr 196
Db 897 ACNATATTTACCGTTGGAG---ACTGGATGGGCTGGACCATATCTCTTGCAGTCTT 953
Qy 197 ArgArgAsnSerIleCysGluMetAsnLysIleTyrLeu 209
Db 954 AAACAGAGTCAGTTTGTGCAGATGAAGAAATAAACTTA 992
RESULT 9
US-09-489-847-51
; Sequence 51, Application US/09489847
; Patent No. 6476195
; GENERAL INFORMATION:
; APPLICANT: Rosen et al
; TITLE OF INVENTION: 98 Human Secreted Proteins
; FILE REFERENCE: P2031P1
; CURRENT APPLICATION NUMBER: US/09/489,847
; CURRENT FILING DATE: 2000-01-24
; EARLIER APPLICATION NUMBER: PCT/US99/17130
; EARLIER FILING DATE: 1999-07-29
; EARLIER APPLICATION NUMBER: 60/094,657
; EARLIER FILING DATE: 1998-07-30
; EARLIER APPLICATION NUMBER: 60/095,486
; EARLIER FILING DATE: 1998-08-05
; EARLIER APPLICATION NUMBER: 60/096,319
; EARLIER FILING DATE: 1998-08-12
; EARLIER APPLICATION NUMBER: 60/095,454
; EARLIER FILING DATE: 1998-08-06
; EARLIER APPLICATION NUMBER: 60/095,455
; EARLIER FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 376
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 51
; LENGTH: 2076
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-489-847-51
Alignment Scores:
Pred. No.: 1.97e-36 Length: 2076
Score: 406.50 Matches: 77
Percent Similarity: 60.7% Conservative: 39
Best Local Similarity: 40.3% Mismatches: 65
Query Match: 34.9% Indels: 10
DB: 3 Gaps: 3
US-09-766-511B-53 (1-209) x US-09-489-847-51 (1-2076)
Qy 23 ValAlaGlyIleSerIleAlaLeuLeuSerAlaCysPheIleValSerCysValValThr 42
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Db 123 ATTGCTGTAGTTTTCATCTTCTCGGTCTGTTTATTATTCAGAGTGTGTGGTGACT 182
Qy 43 TyrHis---PheThrTyrglyGluThrGlyLysArgLeuSerGlyLeuHisSerTyHle 61
Db 183 CATCACAACTTTTCACGCTCTAGAGAGGCACAGGAGTGACAGTTA---GAGCACCAT 239
Qy 62 SerSerLeuThrCysPheSerGluGlyThrLysValProAla-----TTP 76
Db 240 GCAAAGCTCAATGTCATCAAGAGAAATCAGAACTGAAAGTCTGAAAGGAGCACCTGG 299
Qy 77 GlyCysCysProAlaSerTrpLysSerPheGlySerSerCysTyPheLleSerSerGlu 96
Db 300 AACTGTTGTCTTATGACTGGAGAGCTTCCAGTCCCAACTGCTATTTCCTTACTGAC 359
Qy 97 GluLysValTrpSerLysSerGluGlnAsnCysValGluMetGlyAlaHisLeuValVal 116
Db 360 AACAGACGTGGGTGAGTGAAGAACTGTCAGGAGTGGGGCCCATCTGATGACC 419
Qy 117 PheAsnThrGluAlaGluGlnAsnPheLleValGlnGlnLeuAsnGluSerPheSerTy 136
Db 420 ATCAGCACGGAAGCTGAGCAGAACTTTATTATTACAGTTTCTGGATAGACGGCTTCTAT 479
Qy 137 PheLeuGlyLeuSerAspProGlnGlyAsnAsnTrpGlnTrpLle-AspLysThrPr 156
Db 480 TTCTTGGACTTAGAGATGAGAATGCCAAAGTTCAGTGGCGTGGGTGGGACGACGCC 539
Qy 156 oTyrglyLysValArg-PheTrpHisLeuGlyGluProAsnHisSer-AlaGluGln 175
Db 540 ATTATACCCACGCCAGAGTATTCTGGCATAGAAATGAACCCGACACTCTCAGGGAGAAA 599
Qy 176 CysAlaSerileValPheTrpLysProThrGlyTrpGlyTrpAsnAspValLleCysGlu 195
Db 600 AACTGTGTTCTTCTGTTTATACCAAGATAAATGGCCCTGGATGATGTTCTTGTAA 659
Qy 196 ThrArgArgAsnSerileCysGluMet 204
Db 660 TTTGAAGCAAGTAGGATTGTGAAATA 686

RESULT 10

US-09-766-511b-53 (1-209) x US-09-766-511b-53 (1-997)
; Sequence 376, Application US/09907794A
; Patent No. 6635468
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gernitsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,794A

; CURRENT FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 376
; LENGTH: 997
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-766-511b-53 (1-209) x US-09-766-511b-53 (1-997)
Alignment Scores:
Pred. No.: 5,28e-36 Length: 997
Score: 398.50 Matches: 84
Percent Similarity: 57.3% Conservative: 34
Best Local Similarity: 40.8% Mismatches: 81
Query Match: 34.2% Indels: 7
DB: 3 Gaps: 5
Qy 3 GlnGluGlnProGlnSerThrGlyLysArgGlyTrpLeuSer-----LeuArgLeu 20
Db 118 AAATCATCTGAAACACAAATGCACAGAG---AGAGGATGCTTCTCTCCCAATGTTCTTA 174
Qy 21 TrpSerValAlaGlyLleSerileAlaLeuLeuSerAlaCysPheLleValSerCysVal 40
Db 175 TGGACTGTGTGGGATCCCATCTCTTCTCAGTGCCTGTTTCTATCCACAGATGTT 234
Qy 41 ValThrTyHlePheThrTyrglyGluThrGlyLysArgLeuSerGluLeuHisSerTy 60
Db 235 GTGACATTTCCGATC---TTTCAACCTGTGTATGAGAAAGTTTCAGCTACCTGAGAAT 291
Qy 61 HisSerSerLeuThrCysPheSerGluGlyThrLysValProAlaTrpGlyCysCysPro 80
Db 292 TTCACAGAGCTCTCTGCTGCTACAAATATGATGATCAGGT---TCAGTCAAGAAATGTTGTCCA 348
Qy 81 AlaSerTrpLysSerPheGlySerCysTyPheLleSerSerGlyLysValTrp 100
Db 349 TTGAACCTGGGAATATTTTCAATCCAGCTGCTACTTCTTTTCTACTGACACCATTTCTCG 408
Qy 101 SerLysSerGluGlnAsnCysValGluMetGlyAlaHisLeuValValPheAsnThrGlu 120

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RESULT 11

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US-09-905-125A-376
; Sequence 376, Application US/09905125A
; Patent No. 6664376
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905,125A
; CURRENT FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547

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Db 649 ATGAGAGACTCTTCAAAACCAAGCAAAATTTGAATGATGTAACCTGTTTCTCAATTAT 708
QY 199 AsnSerIleCysGluMet 204
Db 709 TTTCGGATTGTGAATG 726

|||||

RESULT 12

US-09-902-775A-376
; Sequence 376, Application US/09902775A
; Patent No. 6686451
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/902,775A
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999

; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 376
; LENGTH: 997
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-902-775A-376

Alignment Scores:

Pred. No.: 5,28e-36 Length: 997
Score: 398.50 Matches: 84
Percent Similarity: 57.3% Conservative: 34
Best Local Similarity: 40.8% Mismatches: 81
Query Match: 34.2% Indels: 7
DB: 3 Gaps: 5

US-09-766-511B-53 (1-209) x US-09-902-775A-376 (1-997)

QY 3 GlnGluGlnGlnProGlnSerThrGluLysArgGlyTrpLeuSer-----LeuArgLeu 20
Db 118 AATCATCTGAAACACATGCACAGAG---AGAGGATGCTTCTTCCCAATGTTCTTA 174
QY 21 TrpSerValAlaGlyIleSerIleAlaLeuLeuSerAlaCysPheIleValSerCysVal 40
Db 175 TGGACTGTTGCTGGGATCCCATCTTATTTCTCAGTCGCTGTTTCATCACCAGATGTGT 234
QY 41 ValThrTyrHisPheThrTyrGlyGluThrGlyLysArgLeuSerGluLeuHisSerTyr 60
Db 235 GTGACATTTCGCATC---TTTCAAACTGTGTGATGAGAAAAAGTTTCAGCTACTCTGAGAAT 291
QY 61 HisSerSerLeuThrCysPheSerGluGlyThrLysValProAlaTrpGlyCysCysPro 80
Db 292 TTCACAGAGCTCTCTGCTACAAATATGATCAGGT---TCAGTCAAGAAATGTTGTCTCA 348
QY 81 AlaSerTrpLysSerPheGlySerCysTyrPheIleSerSerGluGlyValTrp 100
Db 349 TTGAACCTGGGAATATTTTCAATCCAGCTGCTACTTCTTCTTCTACTGACACCATTTCTCTG 408
QY 101 SerLysSerGluGlnAsnCysValGluMetGlyAlaHisLeuValValPheAsnThrGlu 120
Db 409 GCGTTAAAGTTTAAAGAACTGCTCAGCCATGGGGGCTCACCTGGTGTATCACTACACAG 468
QY 121 AlaGluGlnAsnPheIleValGlnGlnLeuAsnGluSerPheSerTyrPheLeuGlyLeu 140
Db 469 GAGGACGAGGAATTCCTTCTTACAGAAACCTAAATGAGAGAGTATTTTATGAGACTG 528
QY 141 SerAspProGlnGlyAsnAsnAsnTrpGlnTrpIleAspLysThrProTyrGluLysAsn 160
Db 529 TCAGACCAGGTTGTCGAGGGTCAGTGGCAATGGGTGACGGCGCACACCTTTGACAAAGTCT 588
QY 161 ValArgPheTrpHisLeuGlyGluProAsnHisSerAla-----GluGlnCysAlaSer 178
Db 589 CTGAGCTTCTGGGATGTAGGGAGGCCAACACATAGCTACCTCGAGGAGACTGTGGCACC 648
QY 179 IleValPheTrpLysProThrGlyTrpGlyTrpAsnAspValIleCysGluThrArgArg 198
Db 649 ATGAGAGACTCTTCAACCCCAAGGCAAAATGGAATGATGTAACTGTTTCTCTCAATTAT 708
QY 199 AsnSerIleCysGluMet 204
Db 709 TTTCGGATTGTGAATG 726

RESULT 13

US-09-906-700-376
; Sequence 376, Application US/09906700
; Patent No. 6723535
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanepeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/906,700
CURRENT FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 376
LENGTH: 997
TYPE: DNA
ORGANISM: Homo Sapien
US-09-906-700-376

Alignment Scores:
Pred. No.: 5.28e-36
Score: 398.50
Percent Similarity: 57.3%
Best Local Similarity: 40.8%
Query Match: 34.2%

Length: 997
Matches: 84
Conservative: 34
Mismatches: 81
Indels: 7

DB: 3 Gaps: 5
US-09-766-511b-53 (1-209) x US-09-906-700-376 (1-997)
Qy 3 GlnGluGlnProGlnSerThrGluLysArgGlyTrpLeuSer-----LeuArgLeu 20
Db 118 AAATCATCTGAAACACAAATGCACAGAG---AGAGGATGCTTCTCTCCAAATGTTCTTA 174
Qy 21 TrpSerValAlaGlyIleSerIleAlaLeuLeuSerAlaCysPheIleValSerCysVal 40
Db 175 TGGACTGTGTGGGATCCCATCTATTCTTCATGCTGCTTTCTCATCCAGATGTGTT 234
Qy 41 ValThrTyHisPheThrTyArgGluThrGlyLysArgLeuSerGluLeuHisSerTyr 60
Db 235 GTGACATTTCGCATC---TTTCAACCTGTGATGAGAAAAAGTTTCAGCTACCTGAGAAT 291
Qy 61 HisSerSerLeuThrCysPheSerGluGlyThrLysValProAlaTrpGlyCysCysPro 80
Db 292 TTCACAGAGCTCTCCTGCTACAAATTATGGATCAGGT---TCAGTCAAGAAATTTGTTGCCA 348
Qy 81 AlaSerTrpLysSerPheGlySerCysTyTrPheIleSerSerGluGluLysValTrp 100
Db 349 TTGAACCTGGGAATATTTTCAATCCAGCTGCTACTTCTTCTTACTGACACCAATTCCTGG 408
Qy 101 SerLysSerGluGlnAsnCysValGluMetGlyAlaHisLeuValValPheAsnThrGlu 120
Db 409 GGGTTAAGTTTAAAGAACTGCTCAGCCATGGGGGCTCACCTGGTGTGTTATCAACTCACAG 468
Qy 121 AlaGluGlnAsnPheIleValGlnGlnLeuAsnGluSerPheSerTyTrPheLeuGlyLeu 140
Db 469 GAGGAGCAGGAATTCCTTCTTACAAAGAAACCTAAATGAGAGAGTTTTTTATTGGACTG 528
Qy 141 SerAspProGlnGlyAsnAsnAsnTrpGlnTrpIleAspLysThrProTyrgLulysAsn 160
Db 529 TCAGACACAGGTTGTCAGGGTCAGTGGCAATGGGTGACGGCACACACCTTTTGACAAAGTCT 588
Qy 161 ValArgPheTrpHisLeuGlyGluProAsnHisSerAla-----GluGlnCysAlaSer 178
Db 589 CTGAGCTTCTGGGATGTAGGGGAGGCCCAACACATAGTACCTCGAGGACTGTGCCACC 648
Qy 179 IleValPheTrpLysProThrGlyTrpGlyTrpAsnAspValIleCysGluThrArgArg 198
Db 649 ATGAGAGACTCTTCAAAACCCAAAGGCAAAATTGGAATGATGTAACTGTTTCTCTCAATTAT 708
Qy 199 AsnSerIleCysGluMet 204
Db 709 TTTCGGATTGTGAAATG 726
RESULT 14
US-09-903-603A-376
; Sequence 376, Application US/09903603A
; Patent No. 6767995
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.


```

; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: GNE.1618P2C12
; CURRENT APPLICATION NUMBER: US/09/903,603A
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 376
; LENGTH: 997
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-903-603A-376

Alignment Scores:
Pred. No.: 5.28e-36 Length: 997
Score: 398.50 Matches: 84
Percent Similarity: 57.3% Conservative: 34
Best Local Similarity: 40.8% Mismatches: 81
Query Match: 34.2% Indels: 7
DB: 3 Gaps: 5

US-09-766-511b-53 (1-209) x US-09-903-603A-376 (1-997)
Qy 3 GlnGluGlnProGlnSerThrGluLysArgGlyTrpLeuSer-----LeuArgLeu 20
Db 118 AAATCATCTGAACACATGCACAGAG---AGAGGATGCTCTCTTCCCAAAATGTTCTTA 174

Qy 21 TrpSerValAlaGlyIleSerIleAlaLeuLeuSerAlaCysPheIleValSerCysVal 40
Db 175 TGGACTGTGCTGGATCCCATCTCTATTCTCAGTGCCTGTTTTCATCACCAGATGTTT 234

Qy 41 ValThrTrpHisPheThrTrpGlyThrGlyLysArgLeuSerGluLeuHisSerTyr 60
Db 235 GTGACATTTGGCATC-----TTTCAACACCTGTGATGAGAAAAAGTTTCAGCTACCTGAGAA 291
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Qy 61 HisSerSerLeuThrCysPheSerGluGlyThrLysValProAlaTrpGlyCysCysPro 80
Db 292 TTCACAGAGCTCTCTGCTACAAATTATGATCAGGT---TCAGTCAAGAAATTTGTTGCCA 348

Qy 81 AlaSerTrpLysSerPheGlySerCysTyrPheIleSerSerGluGluLysValTyr 100
Db 349 TTGAACCTGGATATTTTCAATCCAGCTGCTACTTCTTTTCTACTGACACCATTTCTCTGG 408

Qy 101 SerLysSerGluGlnAsnCysValGluMetGlyAlaHisLeuValValPheAsnThrGlu 120
Db 409 GCGTTAAGTTTAAAGAACTGCTCAGCCATGGGGGCTCACCTGGTGTATCACTCACAG 468

Qy 121 AlaGluGlnAsnPheIleValGlnGlnLeuAsnGluSerPheSerTyrPheLeuGlyLeu 140
Db 469 GAGGAGCAGGAATTCCTTTCTTACAGAAACCTAAATGAGAGAGTTTTTTTATTGAGCTG 528

Qy 141 SerAspProGlnGlnAsnAsnTrpGlnTTrpIleAspLysThrProTyrGluLysAsn 160
Db 529 TCAGACCAGGTGTCGAGGGTCAGTGGCAATGGTGAGCGGCACACCTTTTGACAAAGTCT 588

Qy 161 ValArgPheTrpHisLeuGlyGluProAsnHisSerAla-----GluGlnCysAlaSer 178
Db 589 CTGAGCTTCTGGGATGTAGGGAGGCCCAACAACATAGTACCTCGGAGGACTGTGCCACC 648

Qy 179 IleValPheTrpLysProThrGlyTrpGlyTrpAsnAspValIleCysGluThrArgArg 198
Db 649 ATGAGAGACTCTTCAACCCCAAGGCAAAATTTGGAATGATGATGATGATTTCTCTCAATTAT 708

Qy 199 AsnSerIleCysGluMet 204
Db 709 TTTCGGATTGTGAAATG 726

RESULT 15
US-09-904-920A-376
; Sequence 376, Application US/09904920A
; Patent No. 6806352
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gottard, A.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Steward, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/904,920A
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
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Title: US-09-766-511B-53

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Total number of hits satisfying chosen parameters: 19587084

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

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-TRANS=human40.cdi -LIST=45 -DOCALIGN=200 -THR SCORE=pct -THR MAX=100
-THR MIN=0 -ALIGN=15 -MODE=LOCAL -OUTFMT=pto -NORM=ext -HEAPSIZE=500 -MINLEN=0
-MAXLEN=200000000 -HOST=abes05p
-USER=US09766511@cgn.1.1.1549@runat.28032006.082138.4055 -NCPU=6 -ICPU=3
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-WARN_TIMEOUT=30 -THREADS=1 -XGAPEXT=0.5 -XGAPOP=6 -FGAPEXT=7
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Database : Published Applications NA.Main:

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2: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*
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5: /cgn2_6/ptodata/1/pubpna/US10A_PUBCOMB.seq:*
6: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*
7: /cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq:*
8: /cgn2_6/ptodata/1/pubpna/US10D_PUBCOMB.seq:*
9: /cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*
10: /cgn2_6/ptodata/1/pubpna/US11_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1165	100.0	627	3	US-09-766-511B-52
2	1165	100.0	1045	6	US-10-270-470-9
3	1165	100.0	3114	3	US-09-766-511B-51
4	892.5	76.6	850	6	US-10-270-470-1
5	793	68.1	627	3	US-09-766-511B-72
6	793	68.1	630	3	US-10-270-470-3
7	793	68.1	1252	3	US-09-766-511B-71

ALIGNMENTS

RESULT 1

US-09-766-511B-52
; Sequence 52, Application US/09766511B
; Publication No. US20030170621A1
; GENERAL INFORMATION:
; APPLICANT: MCCARTHY, Sean A
; APPLICANT: FRASER, Christopher C
; APPLICANT: SHARP, John D
; APPLICANT: BARNES, Thomas S
; APPLICANT: KIRST, Susan J
; APPLICANT: MYERS, Paul S
; APPLICANT: WRIGHTON, Nicholas
; APPLICANT: GOODEARL, Andrew
; APPLICANT: HOLTZMAN, Douglas A
; APPLICANT: KHODADOUST, Mehran M
; TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING PROGNOSTIC, DIAGNOSTIC, PRE
; TITLE OF INVENTION: THERAPEUTIC, AND OTHER USES
; FILE REFERENCE: 10147-65
; CURRENT APPLICATION NUMBER: US/09/766,511B
; PRIOR APPLICATION NUMBER: 2002-05-07
; PRIOR FILING DATE: 2000-05-24
; PRIOR FILING DATE: 1999-06-14
; PRIOR FILING DATE: 2000-06-16
; PRIOR FILING DATE: 1999-06-29
; PRIOR APPLICATION NUMBER: US 09/342,364
; PRIOR APPLICATION NUMBER: US 09/608,452
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/393,996

Sequence 61, Appl
Sequence 12, Appl
Sequence 1, Appl
Sequence 19, Appl
Sequence 3, Appl
Sequence 62, Appl
Sequence 2, Appl
Sequence 21, Appl
Sequence 17, Appl
Sequence 3, Appl
Sequence 14, Appl
Sequence 1, Appl
Sequence 199, App
Sequence 199, App
Sequence 38, Appl
Sequence 38, Appl
Sequence 1, Appl
Sequence 1616, Ap
Sequence 1248, Ap
Sequence 11, Appl
Sequence 235, App
Sequence 23, Appl
Sequence 71, Appl
Sequence 122, App
Sequence 121, App
Sequence 123, App
Sequence 79, Appl
Sequence 23, Appl
Sequence 75, Appl
Sequence 4, Appl
Sequence 7, Appl
Sequence 7, Appl
Sequence 8, Appl
Sequence 9, Appl
Sequence 5, Appl
Sequence 7, Appl

; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 09/345,680
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 52
; LENGTH: 627
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-766-511B-52

Alignment Scores:
Pred. No.: 8,07e-140 Length: 627
Score: 1165.00 Matches: 209
Percent Similarity: 100.0% Conservative: 0
Best Local Similarity: 100.0% Mismatches: 0
Query Match: 100.0% Indels: 0
DB: 3 Gaps: 0

US-09-766-511B-53 (1-209) x US-09-766-511B-52 (1-627)

```
QY 1 MetMetGlnGlnGlnProGlnSerThrGluLysArgGlyTrpLeuSerLeuArgLeu 20
|
|
|
Db 1 ATGATGCAAGAGCAGCAACCTCAAGTACAGAGAAAGAGCGTGGTGTCCCTGAGACTC 60

QY 21 TrpSerValAlaGlyIleSerIleAlaLeuLeuSerAlaCysPheIleValSerCysVal 40
|
|
|
Db 61 TGGTCTGTGGCTGGGATTTCCATTGCACTCCTCAGTGTCTTCATTGTGAGCTGTGTA 120

QY 41 ValThrTyRHisPheThrTyrGlyGluThrGlyLysArgLeuSerGluLeuHisSerTyr 60
|
|
|
Db 121 GTAACCTTACCATTATACATATGTTGAACCTGGCAAGAGCGTGTCTGAACCTACACTCATAT 180

QY 61 HisSerSerLeuThrCysPheSerGluGlyThrLysValProAlaTrpGlyCysCysPro 80
|
|
|
Db 181 CATTCAGTCTCACCTGCTTCAGTGAAGGACAAAGGTGCGAGCTGGGGATGTGCCCA 240

QY 81 AlaSerTrpLysSerPheGlySerSerCysTyrPheIleSerSerGluGluLysValTrp 100
|
|
|
Db 241 GCTTCTTGGAGTCATTTGGTTCCAGTTGCTACTTTCATTTCCAGTGAAGAGAGGTTTGG 300

QY 101 SerLysSerGluGlnAenCysValGluMetGlyAlaHisLeuValValPheAenThrGlu 120
|
|
|
Db 301 TCTAAGAGTGAGCAGAACTGTGTTGAGATGGGAGCACATTTGGTTGTGTTCAACACAGAA 360

QY 121 AlaGluGlnAenPheIleValGlnGlnLeuAenGluSerPheSerTyrPheLeuGlyLeu 140
|
|
|
Db 361 GCAGAGCAGAAATTCATTGTCAGCAGCTGAATGAGTCATTTCTTATTCTTGGGGCTT 420

QY 141 SerAppProGlnGlyAenAenAenTrpGlnTrpIleAspLysThrProTyrGluLysAen 160
|
|
|
Db 421 TCAGACCCACAAAGGTAATAATAATTGGCAATGGATTGATAAGACACCTTATGAGAAAAAT 480

QY 161 ValArgPheTrpHisLeuGlyGluProAenHisSerAlaGluGlnCysAlaSerIleVal 180
|
|
|
Db 481 GTCAGATTTTGGACCTAGGTGAGCCCAATCAITCTCGAGAGCAATGTGCTTCAATAGTC 540

QY 181 PheTrpLysProThrGlyTrpGlyTrpAenAspValIleCysGluThrArgArgAenSer 200
|
|
|
Db 541 TTTCTGGAACCTACAGAGTGGGGCTGGAATGATGTTATCTGTGAAACTAGAGGAATTC 600

QY 201 IleCysGluMetAenLysIleTyrLeu 209
|
|
|
Db 601 ATATGTGAGATGAATAAGATTACCTA 627
```

RESULT 2

US-10-270-470-9
; Sequence 9, Application US/10270470
; Publication No. US20030162955A1
; GENERAL INFORMATION:
; APPLICANT: Chalus, Lionel
; APPLICANT: Quan, Ahn B.
; APPLICANT: Bates, Elizabeth Ester Mary

; APPLICANT: Gorman, Daniel M.
; APPLICANT: Saeland, Sem
; APPLICANT: Lebecque, Serge J.E.
; APPLICANT: Phillips, Joseph H.
; TITLE OF INVENTION: ISOLATED MAMMALIAN MEMBRANE PROTEIN GENES; RELATED REAGENTS
; FILE REFERENCE: DX0802OK
; CURRENT APPLICATION NUMBER: US/10/270,470
; CURRENT FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: US 09/270,368
; PRIOR FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: US 60/078,334
; PRIOR FILING DATE: 1998-03-17
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 1045
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (108)..(734)
; OTHER INFORMATION:
US-10-270-470-9

Alignment Scores:
Pred. No.: 1,76e-139 Length: 1045
Score: 1165.00 Matches: 209
Percent Similarity: 100.0% Conservative: 0
Best Local Similarity: 100.0% Mismatches: 0
Query Match: 100.0% Indels: 0
DB: 6 Gaps: 0

US-09-766-511B-53 (1-209) x US-10-270-470-9 (1-1045)

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QY 1 MetMetGlnGlnGlnProGlnSerThrGluLysArgGlyTrpLeuSerLeuArgLeu 20
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|
|
Db 108 ATGATGCAAGAGCAGCAACCTCAAGTACAGAGAAAGAGCGTGGTGTCCCTGAGACTC 167

QY 21 TrpSerValAlaGlyIleSerIleAlaLeuLeuSerAlaCysPheIleValSerCysVal 40
|
|
|
Db 168 TGGTCTGTGGCTGGGATTTCCATTGCACTCCTCAGTGTGCTTCAITGTGAGCTGTGTA 227

QY 41 ValThrTyRHisPheThrTyrGlyGluThrGlyLysArgLeuSerGluLeuHisSerTyr 60
|
|
|
Db 228 GTAACCTACATTTTACATATGTTGNAACCTGGCAAAAGGCTGTCTGAACCTACACTCATAT 287

QY 61 HisSerSerLeuThrCysPheSerGluGlyThrLysValProAlaTrpGlyCysCysPro 80
|
|
|
Db 288 CATTCAGTCTCACCTGCTTCAGTGAAGGACAAAGGTGCCAGCCTGGGGATGTTGCCCA 347

QY 81 AlaSerTrpLysSerPheGlySerSerCysTyrPheIleSerSerGluGluLysValTrp 100
|
|
|
Db 348 GCTTCTTGGAGTCATTTGGTTCCAGTTGCTACTTTCATTTCAGTGAAGAGAGGTTTGG 407

QY 101 SerLysSerGluGlnAenCysValGluMetGlyAlaHisLeuValValPheAenThrGlu 120
|
|
|
Db 408 TCTAAGAGTGAGCAGAACTGTGTTGAGATGGGAGCACATTTGGTTGTGTTCAACACAGAA 467

QY 121 AlaGluGlnAenPheIleValGlnGlnLeuAenGluSerPheSerTyrPheLeuGlyLeu 140
|
|
|
Db 468 GCAGAGCAGAAATTTTCATTGTCCAGCAGCTGAATGAGTCATTTCTTATTCTTGGGGCTT 527

QY 141 SerAppProGlnGlyAenAenAenTrpGlnTrpIleAspLysThrProTyrGluLysAen 160
|
|
|
Db 528 TCAGACCCACAAAGGTAATAATAATTGGCAATGGAATTGATAAGACACCTTATGAGAAAAAT 587

QY 161 ValArgPheTrpHisLeuGlyGluProAenHisSerAlaGluGlnCysAlaSerIleVal 180
|
|
|
Db 588 GTCAGATTTTGGACCTAGGTGAGCCCAATCATTTCTGCAGAGCAATGTGCTTCAATAGTC 647

QY 181 PheTrpLysProThrGlyTrpGlyTrpAenAspValIleCysGluThrArgArgAenSer 200
|
|
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Db 648 TTTCTGGAACCTACAGGATGGGGCTGGAATGATGTTATCTGTGAAACTAGAGGAATTC 707
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QY 21 TrpSerValAlaGlyIleSerIleAlaLeuLeuSerAlaCysPheIleValSerCysVal 40
Db 168 TGGTCTGTGCTGGGATTTCCATTCAGTCTCCTCAGTCTGCTTCATTTGTGAGCTGTGA 227
QY 41 ValThrTyrHisPheThrTyrGlyGluThrGlyLysArgLeuSerGluLeuHisSerTyr 60
Db 228 GTAACTTACCAATTTTACATATGTTGAACTGGCAAAAGGCTGTCTGAACCTACACTCATAT 287
QY 61 HisSerSerLeuThrCysPheSerGluGlyThrLysValProAlaTrpGlyCysCysPro 80
Db 288 CATTCAGTCTTACCTGCTTCAAGGAGGACAAAGGTGCAGCTGGGATGTTGCCCA 347
QY 81 AlaSerTrpLysSerPheGlySerCysTyrPheIleSerSerGluGluLysValTrp 100
Db 348 GCTTCTTGGAGTCATTTGGTTCAGTTGCTTCAATTTCCAGTGAAGAGGTTTGG 407
QY 101 SerLysSerGluGlnAsnCysValGluMetGlyAlaHisLeuValValPheAsnThrGlu 120
Db 408 TCTAAGAGTGAGCAGAACTGTGTGAGATGGGAGCACATTTGGTTGTTCACACAGAA 467
QY 121 AlaGluGlnAsnPheIleValGlnGlnLeuAsnGluSerPheSerTyrPheLeuGlyLeu 140
Db 468 GCAGAGCAGAAATTCATTTGCCAGCAGCTGAATGAGTCAATTTCTTATTTCTGGGCTT 527
QY 141 SerAspProGlnGlyAsnAsnTrpGlnTrpIleAspLysThrProTyrGluLysAsn 160
Db 528 TCAGACCCCAAGGTATATTAATTTGGCAATGGATTTGATAAGACACCTTATGAGAAAAAT 587
QY 161 ValArg-----PheTrpHisLeu 166
Db 588 GTCAGGTGAGTGCGAGTTCTGGGGCCTT 614

RESULT 5

US-09-766-511B-72
; Sequence 72, Application US/09766511B
; Publication No. US20030170621A1
; GENERAL INFORMATION:
; APPLICANT: MCCARTHY, Sean A
; APPLICANT: FRASER, Christopher C
; APPLICANT: SHARP, John D
; APPLICANT: BARNES, Thomas S
; APPLICANT: KIRST, Susan J
; APPLICANT: MYERS, Paul S
; APPLICANT: WRIGHTON, Nicholas
; APPLICANT: GOODEARL, Andrew
; APPLICANT: HOLTZMAN, Douglas A
; APPLICANT: KHODADOUST, Mehran M
; TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING PROGNOSTIC, DIAGNOSTIC, PREV
; FILE REFERENCE: 10147-65
; CURRENT APPLICATION NUMBER: US/09/766.511B
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: US 09/578,063
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: US 09/333,159
; PRIOR FILING DATE: 1999-06-14
; PRIOR APPLICATION NUMBER: US 09/596,194
; PRIOR FILING DATE: 2000-06-16
; PRIOR APPLICATION NUMBER: US 09/342,364
; PRIOR FILING DATE: 1999-06-29
; PRIOR APPLICATION NUMBER: US 09/608,452
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/393,996
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 09/345,680
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 72
; LENGTH: 627
; TYPE: DNA
; ORGANISM: Mus sp.

US-09-766-511B-72

Alignment Scores:
Pred. No.: 8,69e-92 Length: 627
Score: 793.00 Matches: 145
Percent Similarity: 77.0% Conservative: 19
Best Local Similarity: 68.1% Mismatches: 41
Query Match: 68.1% Indels: 8
DB: 3 Gaps: 4

US-09-766-511B-53 (1-209) x US-09-766-511B-72 (1-627)

QY 1 MetMetGlnGluGlnProGlnSerThrGluLysArgGly-----TrpLeuSerLeu 18
Db 1 ATGGTGAGGAAAGACATCCCAAGG-----AAGGGAGTCTGCTGG---ACCTCG 48
QY 19 ArgLeuTrpSerValAlaGlyIleSerIleAlaLeuLeuSerAlaCysPheIleValSer 38
Db 49 AGACTCTGTCAGTCTGTGATTTCCATGTTTACTCTTGAGTACCTGTTTCATTTCATTCGAGC 108
QY 39 CysValValThrTyrHisPheThrTyrGlyGluThrGlyLysArgLeuSerGluLeuHis 58
Db 109 TGTGTGGTGACTTACCAATTTATTTATGGACCCAGTGAAGACTATATGAACCTAC 168
QY 59 SerTyrHisSerSerLeuThrCysPheSerGluGlyThrLysVal-----ProAlaTrp 76
Db 169 ACATACCATTCAGTCTCAGTCTTCACTGCTTCACTGAGGAGACTATGTTGTGCAGAAAAATGTGG 228
QY 77 GlyCysCysProAlaSerTrpLysSerPheGlySerSerCysTyrPheIleSerSerGlu 96
Db 229 GGATGCTGCCCAATCAGTGGAAATCATTTGGCTCCAGCTGTACCTCATCTTCTACCAAG 288
QY 97 GluLysValTrpSerLysSerGluGlnAsnCysValGluMetGlyAlaHisLeuVal 116
Db 289 GAGAACTTCTGGAGCAGCAGTGTGTTTCAGATGGGGCTCATCTGGTGGTG 348
QY 117 PheAsnThrGluAlaGluGlnAsnPheIleValGlnGlnLeuAsnGluSerPheSerTyr 136
Db 349 ATCAATACTGAAAGCGGAGCAGAAATTCATCACCAGCAGCTGAATGATGATGATCTTCTTAC 408
QY 137 PheLeuGlyLeuSerAspProGlnGlyAsnAsnTrpGlnTrpIleAspLysThrPro 156
Db 409 TTCTCGGTCTTTTCGATCCCAAGTAAATGCAATGCAATGATGATGATGATGATGATGATGAT 468
QY 157 TyrGluLysAsnValArgPheTrpHisLeuGlyGluProAsnHisSerAlaGluGlnCys 176
Db 469 TTTCAGTCAAAATGTCTGAGTCTTGGCACCCTCCCATGAACCAATCTTCCAGAGAGCGGTGT 528
QY 177 AlaSerIleValPheTrpLysProThrGlyTrpGlyTrpAsnAspValIleCysGluThr 196
Db 529 GTTTCATATAGTTTACTGGAAATCCTTCGAAATGGGCTGGAATGATGATGATGATGATGATGAT 588
QY 197 ArgArgAsnSerIleCysGluMetAsnLysIleTyrLeu 209
Db 589 AAACACAATTCATATGTCGAATGAAGAGATTACCTA 627

RESULT 6

US-10-270-470-3
; Sequence 3, Application US/10270470
; Publication No. US20030162955A1
; GENERAL INFORMATION:
; APPLICANT: Chalus, Lionel
; APPLICANT: Quan, Ahn B.
; APPLICANT: Bates, Elizabeth Ester Mary
; APPLICANT: Gorman, Daniel M.
; APPLICANT: Saeland, Sem
; APPLICANT: Lebecque, Serge J.B.
; APPLICANT: Phillips, Joseph H.
; TITLE OF INVENTION: ISOLATED MAMMALIAN MEMBRANE PROTEIN GENES; RELATED REAGENTS
; FILE REFERENCE: DX0802QK
; CURRENT APPLICATION NUMBER: US/10/270,470
; CURRENT FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: US 09/270,368

Db 527 ATCAATACTGAACGGGACAGATTTTCATACCCAGCAGCTGAATGAGTCTTCTTAC 586
QY 137 PheLeuGlyLeuSerAspProGlnGlyAsnAsnTrpGlnTrpIleAspLysThrPro 156
Db 587 TTCTCGGCTTTTCGGATCCACAAAGTAATGGCAATGGCAATGGATCGATGATCTCT 646
QY 157 TyrGluLysAsnValargPheThrHisLeuGlyGluProAsnHisSerAlaGluGlnCys 176
Db 647 TTCAGTCAAAATGTCAGGTTCTGGCACCCCATGAAACCCCAATCTTCAGAAAGACGGGT 706
QY 177 AlaSerIleValPheTrpLysProThrGlyTrpGlyTrpAsnAspValIleCysGluThr 196
Db 707 GTTTCATATGTTTACTCGAATCTCTCGAAATGGGGCTGGATGATGTTTCTGTGATAGT 766
QY 197 ArgArgAsnSerIleCysGluMetAsnLysIleTyrLeu 209
Db 767 AAACACAAATTCATATGTAATGTAAGAGATTACCTA 805

RESULT 8
US-09-766-511B-61
; Sequence 61, Application US/09766511B
; Publication No. US20030170621A1
; GENERAL INFORMATION:
; APPLICANT: MCCARTHY, Sean A
; APPLICANT: FRASER, Christopher C
; APPLICANT: SHARP, John D
; APPLICANT: BARNES, Thomas S
; APPLICANT: KIRST, Susan J
; APPLICANT: MYERS, Paul S
; APPLICANT: WRIGHTON, Nicholas
; APPLICANT: GOODEARL, Andrew
; APPLICANT: HOLTZWAN, Douglas A
; APPLICANT: KHODADOUST, Mehran M
; TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING PROGNOSTIC, DIAGNOSTIC, PREVENTIVE, THERAPEUTIC, AND OTHER USES
; FILE REFERENCE: 10147-65
; CURRENT APPLICATION NUMBER: US/09/766,511B
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: US 09/578,063
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: US 09/333,159
; PRIOR FILING DATE: 1999-06-14
; PRIOR APPLICATION NUMBER: US 09/596,194
; PRIOR FILING DATE: 2000-06-16
; PRIOR APPLICATION NUMBER: US 09/342,364
; PRIOR FILING DATE: 1999-06-29
; PRIOR APPLICATION NUMBER: US 09/608,452
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/393,996
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 09/345,680
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 61
; LENGTH: 821
; TYPE: DNA
; ORGANISM: Mus sp.
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (788)..(788)
; OTHER INFORMATION: unsure
US-09-766-511B-61

Alignment Scores:
Pred. No.: 9,15e-85
Score: 740.00
Percent Similarity: 75.9%
Best Local Similarity: 67.0%
Query Match: 63.5%
DB: 3
Length: 821
Matches: 142
Conservative: 19
Mismatch: 42
Indels: 10
Gaps: 4

US-09-766-511B-53 (1-209) x US-09-766-511B-61 (1-821)
QY 1 MetMetGlnGlnGlnProGlnSerThrGluLysArgGly-----TrpLeuSerLeu 18
Db 174 ATGGTGCAGAAAGACAATCCCAAGG-----AAGGGAGTCTGTGG--ACCCCTG 221
QY 19 ArgLeuTrpSerValAlaGlyIleSerIleAlaLeuLeuSerAlaCysPheIleValSer 38
Db 222 AGACTCTGGTCACTGCTGTGATTTCCATTTCTTACTTCTGAGTACCTGTTTTCATTGCGAGC 281
QY 39 CysValValThrTyrHisPheThrTyrGlyGluThrGlyLysArgLeuSerGluLeuHis 58
Db 282 TGTGTGGTGCATTCACAAATTTATATGACCAACCCAGCCAGTAGAAGACTATATGAATTCAC 341
QY 59 SerTyrHisSerSerLeuThrCysPheSerGlyThrLysVal-----ProIleTrp 76
Db 342 ACATACCAATTCAGTCTCACCTGCTTCAGTGAAGGAGCTATGCTGTGCAGAAATAATGTGG 401
QY 77 GlyCysCysProAlaSerTrpLysSerPheGlySerSerCysTyrPheIleSerSerGlu 96
Db 402 GGATGCTGCCAAATCACTGGAAATTCATTTGGCTCCAGCTGCTACTCTTCTTACCAAG 461
QY 97 GluLysValTrpSerLysSerGluGlnAsnCysValGluMetGlyAlaHisLeuValVal 116
Db 462 GAGAACTTCTGGAGCACCACTGAGCAGAACTGTGTTTCAGATGGGGCTCATCTGTGGTGTG 521
QY 117 PheAsnThrGluAlaGluGlnAsnPheIleValGlnGlnLeuAsnGluSerPheSerTyr 136
Db 522 ATCAATATCTGAAGCGGAGCAGAAATTTTCATCACCAGCAGCTGAATGAGTCATCTTCTTAC 581
QY 137 PheLeuGlyLeuSerAspProGlnGlyAsnAsnTrpGlnTrpIleAspLysThrPro 156
Db 582 TTCTCGGCTCTTCGGATCCCAA--GGTAATGGCAATGGCAATGGATCGATGATCTCTCT 640
QY 157 TyrGluLysAsnValargPheTrpHisLeuGlyGluProAsnHisSerAlaGluGlnCys 176
Db 641 TTCAGTCAAAATGTCTAGGTTCTGGCACCCCATGAACCAATCTTCCAGAAAGCGGTGT 700
QY 177 AlaSerIleValPheTrpLysProThrGlyTrpGlyTrp--AsnAspValIleCysGluTh 196
Db 701 GTTTCATATGTTTACTGGAAATCTTGGAAATGGGGCTGGGAATGATGTTTCTGTGATAG 760
QY 196 rArgArgAsnSerIleCysGluMetAsnLysIle 207
Db 761 TAAACACAATTCATATGTAATGTAAGATT 794
RESULT 9
US-10-212-198-12
; Sequence 12, Application US/10212198
; Publication No. US20030138804A1
; GENERAL INFORMATION:
; APPLICANT: Boyle, Bryan J
; APPLICANT: Ford, John E.
; APPLICANT: Mize, Nancy K.
; APPLICANT: Tang, Y. Tom
; APPLICANT: Liu, Chenghua
; APPLICANT: Drmanac, Radoje T.
; APPLICANT: Dickson, Mark C.
; APPLICANT: Arterburn, Matthew C.
; APPLICANT: Binnerts, Minke
; TITLE OF INVENTION: Methods and Materials Relating to No. US20030138804A1e1 C-type L
; FILE REFERENCE: HYS-5CIP
; CURRENT APPLICATION NUMBER: US/10/212,198
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 09/545,283
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: 09/496,914
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 817


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; APPLICANT: Werner, Gudrun
; APPLICANT: Jaritz, Markus
; APPLICANT: Lapp, Hilmar
; APPLICANT: Kalhoff, Frank Stephan
; TITLE OF INVENTION: Organic Compounds
; FILE REFERENCE: 4-31347 PCT
; CURRENT APPLICATION NUMBER: US/10/220,946
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 60/192,934
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/205,026 (US 60/279,243)
; PRIOR FILING DATE: 2000-05-18
; PRIOR APPLICATION NUMBER: US 60/205,020
; PRIOR FILING DATE: 2000-05-18
; PRIOR APPLICATION NUMBER: US 60/205,769
; PRIOR FILING DATE: 2000-05-19
; PRIOR APPLICATION NUMBER: US 60/205,767
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 827
; TYPE: DNA
; ORGANISM: Homo Sapiens
; US-10-220-946-19

Alignment Scores:
Pred. No.: 1,48e-70 Length: 827
Score: 630.00 Matches: 114
Percent Similarity: 67.9% Conservative: 28
Best Local Similarity: 54.5% Mismatches: 63
Query Match: 54.1% Indels: 4
DB: 6 Gaps: 2

US-09-766-511B-53 (1-209) x US-10-220-946-19 (1-827)
QY 5 GlnGlnProGlnSerThrGluLys---ArgGlyTrpLeuSerLeuArgLeuTrpSerVal 23
Db 28 CAAGAGCCTCAAGACCGAGAGAGGACTCTGGTGGTTCAGTTGAAGGTTCTGGTCCATG 87
QY 24 AlaGlyIleSerIleAlaLeuLeuSerAlaCysPheIleValSerCysValValThrTyr 43
Db 88 GCAGTCGTATCCATCTGCTCCCTCAGTGTCTGTTTCACTGTGAGTTCTGGTGCCTCAC 147
QY 44 HisPheThrTyrGlyGluThrGlyLysArgLeuSerGluLeu-----HisSerTyr 60
Db 148 AATTTTATGATAGCAAAACTGTCAAGAGGCTGTCCAAGTTACGAGAGTATCAACAGTAT 207
QY 61 HisSerSerLeuThrCysPheSerGluGlyThrLysValProAlaTTPGlyCysCysPro 80
Db 208 CATCAAGCCTGACCTCGCTCATGGAAGGAAGGACATAGAGATTGGAGCTGCTGCCCA 267
QY 81 AlaSerTrpLysSerPheGlySerSerCysTyrPheIleSerSerGluGluLysValTrp 100
Db 268 ACCCTTGGACTTCATTTCACTAGTTGCTACTTTTATTTCTACTGGGATGCAATCTGG 327
QY 101 SerLysSerGluGlnAsnCysValGluMetGlyAlaHisLeuValValPheAsnThrGlu 120
Db 328 ACTAAGAGTCAAAAGAACTGTTCTGTGATGGGGCTGATCTGGTGGTGTGATCAACACAGG 387
QY 121 AlaGluGlnAsnPheIleValGlnGlnLeuAsnGluSerPheSerTyrPheLeuGlyLeu 140
Db 388 GAAGAACAGGATTCATTCATTCAGAACTGMAAGAAATCTCTTATTTCTGGGGCTG 447
QY 141 SerAspProGlnGlnYAsnAsnAsnTrpGlnTrpIleAspLysThrProTyrGluLysAsn 160
Db 448 TCAGATCCAGGGGTCGCGGACATTCGAATGGTTGACCAGACACCATCAATGAAAT 507
QY 161 ValArgPheTrpHisLeuGlyGluProAsnHisSerAlaGluGlnCysAlaSerIleVal 180
Db 508 GTCACATTTCTGGCACTCAGGTGAACCCCAATAACCTTGTATGACGCGTTGTGGATAAAT 567
QY 181 PheTrpLysProThrGlyTTPGlyTTPAsnAspValIleCysGluThrArgArgAsnSer 200
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Db 568 TTCCGTTCTTTCAGAAAGTGGGGCTGGAATGACATTCATCTGTCTACCTCAGAAGTCA 627
QY 201 IleCysGluMetAsnLysIleTyrLeu 209
Db 628 ATTTGCAAGATGAAGAAGATCTACATA 654

RESULT 12
US-10-212-198-3
; Sequence 3, Application US/10212198
; Publication NO. US20030138804A1
; GENERAL INFORMATION:
; APPLICANT: Boyle, Bryan J
; APPLICANT: Ford, John E.
; APPLICANT: Mize, Nancy K.
; APPLICANT: Tang, Y. Tom
; APPLICANT: Liu, Chenghua
; APPLICANT: Drmanac, Radoje T.
; APPLICANT: Dickson, Mark C.
; APPLICANT: Arterburn, Matthew C.
; APPLICANT: Binner, Minke
; TITLE OF INVENTION: Methods and Materials Relating to No. US20030138804A1el C-type Lc
; FILE REFERENCE: HYS-5CIP
; CURRENT APPLICATION NUMBER: US/10/212,198
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 09/545,283
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: 09/496,914
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 858
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (43)..(747)
; OTHER INFORMATION:
; US-10-212-198-3

Alignment Scores:
Pred. No.: 2,83e-70 Length: 858
Score: 628.00 Matches: 114
Percent Similarity: 66.7% Conservative: 28
Best Local Similarity: 53.5% Mismatches: 67
Query Match: 53.9% Indels: 4
DB: 6 Gaps: 2

US-09-766-511B-53 (1-209) x US-10-212-198-3 (1-858)
QY 1 MetMetGlnGlnGlnProGlnSerThrGluLys---ArgGlyTrpLeuSerLeuArg 19
Db 43 ATGGTGCCTCAAGAAAGAGCCTCAAGACCGAGAGAGGACTCTGGTGGTTCAGTTGAAG 102
QY 20 LeuTrpSerValAlaGlyIleSerIleAlaLeuLeuSerAlaCysPheIleValSerCys 39
Db 103 GTCTGGTCCATGCAGTCGTATCCATCTGCTCTCAGTGTCTGTTTCACTGTGAGTTCT 162
QY 40 ValValThrTyrHisPheThrTyrGlyGluThrGlyLysArgLeuSerGluLeu----- 57
Db 163 GTGGTGCCTCACAAATTTTATGTATAGCAAAACTGTCAAGAGGCTGTCCAAGTTACGAG 222
QY 58 ---HisSerTyrHisSerSerLeuThrCysPheSerGluGlyThrLysValProAlaTTP 76
Db 223 TATCAACAGTATCATTTCAAGCCTGACCTCGCTCATGGAAGGAAGGACATAGAGATTGG 282
QY 77 GlyCysCysProAlaSerTrpLysSerPheGlySerSerCysTyrPheIleSerSerGlu 96
Db 283 AGCTGCTGCCAACCCCTTGGACTTCATTTCACTAGTTGCTACTTATTTCTACTGGG 342
QY 97 GluLysValTrpSerLysSerGluGlnAsnCysValGluMetGlyAlaHisLeuValVal 116
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Db 343 ATGCAATCTTGGACTAGAGTCAAAAGAACTGTTCTGTGATGGGGCTGATCTGGTGGTG 402
Qy 117 PheAsnThrGluAlaGluGlnAsnPhelileValGlnGlnLeuAsnGluSerPheSerTyr 136
Db 403 ATCAACACCCAGGAGACAGATTTTATTCATTAATCTGAAAAGAAATCTTCTTAT 462
Qy 137 PheLeuGlyLeuSerAspProGlnGlyAsnAsnAsnTrpGlnTrpIleAspLysThrPro 156
Db 463 TTTCTGGGGTGTCCATCCACGGGTCCGCGACATGGCAATGGGTGACACACCA 522
Qy 157 TyrGluLysAsnValArgPheTrpHisLeuGluProAsnHisSerAlaGluGlnCys 176
Db 523 TACAATGAAATATGTCACATCTGGCACTCAGGTGAACCCCAATACCTTGATGAGCGTGT 582
Qy 177 AlaSerIleValPheTrpLysProThrGlyTrpAsnAspValIleCysGluThr 196
Db 583 GCGATAATAATTTCCGCTTTCACAGAATGGGGCTGGATGACATTCATCTGTCATGTA 642
Qy 197 ArgArgAsnSerIleCysGluMetAsnLysIleTyrLeu 209
Db 643 CCTCACAAGTCAATTTCCGAGATGAAGAAGATCTACATA 681

RESULT 13

US-09-766-511B-62
; Sequence 62, Application US/09766511B
; Publication No. US20030170621A1
; GENERAL INFORMATION:
; APPLICANT: MCCARTHY, Sean A
; APPLICANT: FRASER, Christopher C
; APPLICANT: SHARP, John D
; APPLICANT: BARNES, Thomas S
; APPLICANT: KIRST, Susan J
; APPLICANT: MYERS, Paul S
; APPLICANT: WRIGHTON, Nicholas
; APPLICANT: GOODEARL, Andrew
; APPLICANT: KODZDAN, Douglas A
; APPLICANT: KHODADOUST, Mehran M
; TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING PROGNOSTIC, DIAGNOSTIC, PREVENTIVE, THERAPEUTIC, AND OTHER USES
; FILE REFERENCE: 10147-65
; CURRENT APPLICATION NUMBER: US/09/766,511B
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: US 09/578,063
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: US 09/333,159
; PRIOR FILING DATE: 1999-06-14
; PRIOR APPLICATION NUMBER: US 09/596,194
; PRIOR FILING DATE: 2000-06-16
; PRIOR APPLICATION NUMBER: US 09/342,364
; PRIOR FILING DATE: 1999-06-29
; PRIOR APPLICATION NUMBER: US 09/608,452
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/393,996
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 09/345,680
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 62
; LENGTH: 534
; TYPE: DNA
; ORGANISM: Mus sp.

Alignment Scores: 2.49e-70 Length: 534
Pred. No.: 626.00 Matches: 123
Score: 75.3% Conservative: 14
Best Local Similarity: 67.6% Mismatches: 37
Query Match: 53.7% Indels: 9
DB: 3 Gaps: 4

US-09-766-511B-53 (1-209) x US-09-766-511B-62 (1-534)
Qy 1 MetMetGlnGlnGlnProGlnSerThrGluLysArgGly-----TrpLeuSerLeu 18
Db 1 ATGGTCGAGAAAGACATCCCAAGGG-----AAGGAGTCTGCTGG---ACCTG 48
Qy 19 ArgLeuTrpSerValAlaGlyIleSerIleAlaLeuLeuSerAlaCysPheIleValSer 38
Db 49 AGACTCTGGTCAGCTGCTGTGATTTTCATGTTACTCTTGAGTACCTGTTTCATTCGAGGC 108
Qy 39 CysValValThrTyrHisPheThrTyrGlyGluThrGlyLysArgLeuSerGluLeuHis 58
Db 109 TGTGTGGTGACTTACCATAATTATTATGGACCCAGCCAGAGACTATATGAACTTCAC 168
Qy 59 SerTyrHisSerSerLeuThrCysPheSerGluGlyThrLysVal-----ProAlaTrp 76
Db 169 ACATACCATTCAGTCTCACCTGCTTCAGTGAAGGAGACTATGCTGTCAGAAAAAATGTGG 228
Qy 77 GlyCysCysProAlaSerTrpLysSerPheGlySerSerCysTyrPheIleSerSerGlu 96
Db 229 GGATGCTGCCAAATCACTGGAAAGTCACTTGGCTCCAGCTGCTACCTCATTTCTACCAAG 288
Qy 97 GluLysValTrpSerLysSerGluGlnAsnCysValGluMetGlyAlaHisLeuValVal 116
Db 289 GAGAACTTCTGGAGCACCAGTGAAGCAACTGTGTTTCAGATGGGGGCTCATCTGGTGGTG 348
Qy 117 PheAsnThrGluAlaGluGlnAsnPhelileValGlnGlnLeuAsnGluSerPheSerTyr 136
Db 349 ATCAATACTGAGCGGAGGAGCAGAAATTCATCACCAGCAGCTGAATGAGTCACCTTTCTTAC 408
Qy 137 PheLeuGlyLeuSerAspProGlnGlyAsnAsnAsnTrpGlnTrpIleAspLysThrPro 156
Db 409 TTCCTGGGTCTTTCCGATCCCAA--GGTAATGGCAAAATGGCAATGGATCGATGATACTCTCT 467
Qy 157 TyrGluLysAsnValArgPheTrpHisLeuGlyGluProAsnHisSerAlaGluGlnCys 176
Db 468 TTCAGTCAAAATGTCTGAGTTCTGGCCACCCCAATGAAACCAATCTTCCAGAAAGACGGTGT 527
Qy 177 AlaSer 178
Db 528 GTTCA 533

RESULT 14

US-10-212-198-2
; Sequence 2, Application US/10212198
; Publication No. US20030138804A1
; GENERAL INFORMATION:
; APPLICANT: Boyle, Bryan J
; APPLICANT: Ford, John E.
; APPLICANT: Mize, Nancy K.
; APPLICANT: Tang, Y. Tom
; APPLICANT: Liu, Chenghua
; APPLICANT: Drmanac, Radoje T.
; APPLICANT: Dickson, Mark C.
; APPLICANT: Arterburn, Matthew C.
; APPLICANT: Binners, Minke
; TITLE OF INVENTION: Methods and Materials Relating to No. US20030138804A1e1 C-type L
; FILE REFERENCE: HYS-5C1P
; CURRENT APPLICATION NUMBER: US/10/212,198
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 09/545,283
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: 09/496,914
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 826
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-212-198-2

GenCore version 5.1.7
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Run on: March 28, 2006, 10:26:55 ; Search time 665 Seconds
(without alignments)

1252.823 Million cell updates/sec

Title: US-09-766-511b-53

Perfect score: 1165

Sequence: 1 MMQEQPQSTKRGWLSRL.....NDVICTRRNSICEMNKIYL 209

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Ygapop 10.0 , Ygapext 0.5
Fgapop 6.0 , Fgapext 7.0
Delop 6.0 , Delext 7.0

Searched: 9258654 seqs, 1993127192 residues

Total number of hits satisfying chosen parameters: 18517308

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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-THR MIN=0 -ALIGN=15 -MODE=LOCAL -OUTFMT=ptc -NORM=ext -HEADSIZE=500 -MINLEN=0
-MAXLEN=2000000000 -HOST=abes05p
-USER=US0766511_@CGN_1_1_985_@runat_28032006_082140_4124 -NCPUs=6 -ICPU=3
-NO MMAP -NEG SCORES=0 -WAIT -DSPBLOCK=100 -LONGLOG -DEV_TIMEOUT=120
-WARN_TIMEOUT=30 -THREADS=1 -XGAPOP=10 -XGAPEXT=0.5 -FGAPOP=6 -FGAPEXT=7
-YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

Database : Published Applications NA New:

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2: /SIDSS/ptodata/1/pubpna/US06_NEW_PUB.seq:*
3: /SIDSS/ptodata/1/pubpna/US07_NEW_PUB.seq:*
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14: /SIDSS/ptodata/1/pubpna/US11_NEW_PUB.seq:*
15: /SIDSS/ptodata/1/pubpna/US60_NEW_PUB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	248	21.3	1800	14	US-11-000-688-341 Sequence 341, App
2	218.5	18.8	503	14	US-11-000-688-340 Sequence 340, App

	3	197	16.9	1659	14	US-11-152-697-8	Sequence 8, Appli
	4	192.5	16.5	5641	11	US-11-245-147-116	Sequence 116, App
	5	190.5	16.4	1355	8	US-10-131-826A-421	Sequence 421, App
	6	190.5	16.4	1355	9	US-10-973-115B-421	Sequence 421, App
	7	189.5	16.3	4451	11	US-11-245-147-41	Sequence 41, Appl
	8	181.5	15.6	1146	14	US-11-136-527-3347	Sequence 3347, Ap
	9	164.5	14.1	3039	14	US-11-152-697-1	Sequence 1, Appli
	10	151.5	13.0	1776	8	US-10-689-742-159	Sequence 159, App
	11	151.5	13.0	1841	9	US-10-131-826A-457	Sequence 457, App
	12	151.5	13.0	1841	9	US-10-973-115B-457	Sequence 457, App
	13	151.5	13.0	11185	14	US-11-122-329-100	Sequence 100, App
	14	147	12.6	5201	11	US-11-072-512-1526	Sequence 1526, Ap
	15	144.5	12.4	3191	14	US-11-136-527-2993	Sequence 2993, Ap
	16	144	12.4	7231	14	US-11-136-527-2622	Sequence 2622, Ap
	17	143	12.3	1131	14	US-11-136-527-523	Sequence 523, App
	18	141.5	12.1	1688	11	US-11-072-512-820	Sequence 820, App
	19	139.5	12.0	3403	14	US-11-136-527-1913	Sequence 1913, Ap
	20	139	11.9	850	14	US-11-108-399-5	Sequence 5, Appli
	21	139	11.9	1531	14	US-11-152-366-12	Sequence 12, Appl
	22	138.5	11.9	614	14	US-11-108-172-1075	Sequence 1075, Ap
	23	138.5	11.9	1114	14	US-11-108-172-1071	Sequence 1071, Ap
	24	138.5	11.9	1114	14	US-11-108-172-1074	Sequence 1074, Ap
	25	138.5	11.9	1152	14	US-11-108-172-1072	Sequence 1072, Ap
	26	138.5	11.9	1173	14	US-11-108-172-1069	Sequence 1069, Ap
	27	138	11.8	474	14	US-11-108-172-1073	Sequence 1073, Ap
	28	136.5	11.7	878	14	US-11-136-527-2073	Sequence 2073, Ap
	29	133	11.4	1061	14	US-11-043-788-12	Sequence 12, Appl
	30	133	11.4	1150	14	US-11-043-788-11	Sequence 11, Appl
	31	133	11.4	1573	8	US-10-689-742-187	Sequence 187, App
	32	133	11.4	4016	14	US-11-043-788-10	Sequence 10, Appl
	33	132.5	11.4	9286	14	US-11-136-527-578	Sequence 578, App
	34	132	11.3	600	14	US-11-136-527-7443	Sequence 7443, Ap
	35	132	11.3	6680	14	US-11-128-061-625	Sequence 625, App
	36	132	11.3	6680	14	US-11-128-049-625	Sequence 625, App
	37	131	11.2	1364	14	US-11-000-688-183	Sequence 183, App
	38	130.5	11.2	384	14	US-11-043-788-13	Sequence 13, Appl
	39	128	11.0	821	5	US-09-978-360A-348	Sequence 348, App
	40	128	11.0	963	8	US-10-131-826A-521	Sequence 521, App
	41	128	11.0	963	9	US-10-973-115B-521	Sequence 521, App
	42	126	10.8	671	9	US-10-533-811-60	Sequence 60, Appl
	43	125.5	10.8	1580	14	US-11-136-527-2461	Sequence 2461, Ap
	44	124.5	10.7	1110	14	US-11-136-527-142	Sequence 142, App
	45	123.5	10.6	508	9	US-10-475-075-633	Sequence 633, App

ALIGNMENTS

RESULT 1

US-11-000-688-341

; Sequence 341, Application US/11000688

; Publication No. US20050287544A1

; GENERAL INFORMATION:

; APPLICANT: BERTUCCI, Francois

; APPLICANT: HOULGATTE, Remi

; APPLICANT: BIRNBAUM, Daniel

; TITLE OF INVENTION: GENE EXPRESSION PROFILING OF COLON CANCER WITH DNA ARRAYS

; CURRENT APPLICATION NUMBER: US/11/000,688

; CURRENT FILING DATE: 2004-12-01

; PRIOR APPLICATION NUMBER: US 60/525,987

; PRIOR FILING DATE: 2003-12-01

; NUMBER OF SEQ ID NOS: 1596

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 341

; LENGTH: 1800

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial sequences: primer

; FEATURE:

; NAME/KEY: misc_feature

; LOCATION: (1)..(1800)

; OTHER INFORMATION: cd209 antigen-like(CD209L) gene.

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US-11-000-688-341
Alignment Scores:
Pred. No.: 3,89e-14 Length: 1800
Score: 248.00 Matches: 52
Percent Similarity: 55.0% Conservative: 19
Best Local Similarity: 40.3% Mismatches: 48
Query Match: 21.3% Indels: 10
DB: 14 Gaps: 5

US-09-766-511B-53 (1-209) x US-11-000-688-341 (1-1800)
Qy 79 CysProAlaSerTrpLysSerPheGlySerSerCysTyrPheIleSerSerGluGluLys 98
Db 786 TGTCCTCCCAAGACTGGACATTTCTTCCAAAGGAAACTGTTACTTCATGCTAACTCCCGAGCGG 845
Qy 99 ValTrpSerLysSerGluGlnAsnGlyValGluMetGlyAlaHisLeuValValPheAsn 118
Db 846 AACTGGCAGACTCCGTCACCGCTGCCAGGAGTGGAGGCCCGCAGCTCGTCGTAATCAAA 905
Qy 119 ThrGluAlaGluGlnAsnPhelleValGlnGlnLeuAsnGluSer-----PheSerTyr 136
Db 906 ACTGCTGAGGAGCAGAACTTCTTACAGCTGCAGACTTCCAGAGTAAACCGCTTCTCTCGG 965
Qy 137 PheLeuGlyLeuSerAspProGlnGlyAsnAsnAsnTrpGlnTrpIleAspLysThrPro 156
Db 966 ---ATGGGACTTTTCAGACCTTAAATCAGGAAGGCAGCTGGCAATGGGTGGAGCGCTCACCT 1022
Qy 157 TyrGluLysAsnVal---ArgPheTrpHisLeuGlyGluProAsnHisSerAla---Glu 174
Db 1023 CTGTCACCCAGCTTCCAGCGGTACTGGAACAGTGGAGAACCAACATAGCGGGAATGAA 1082
Qy 175 GlnCysAlaSerIleValPheTrpLysProThrGlyTrpGlyTrpAsnAspValIleCys 194
Db 1083 GACTGTGCGGAATTT-----AGTGCAGTGGCTGGAAACGACAAATCGATGT 1127
Qy 195 GluThrArgArgAsnSerIleCysGlu 203
Db 1128 GACGTTGACAATTACTGGATCTGCAAA 1154

RESULT 2
US-11-000-688-340
; Sequence 340, Application US/11000688
; Publication No. US20050287544A1
; GENERAL INFORMATION:
; APPLICANT: BERTUCCI, Francois
; APPLICANT: HOULGATTE, Remi
; APPLICANT: BIRNBAUM, Daniel
; TITLE OF INVENTION: GENE EXPRESSION PROFILING OF COLON CANCER WITH DNA ARRAYS
; FILE REFERENCE: 1423-K-03
; CURRENT APPLICATION NUMBER: US/11/000,688
; PRIOR FILING DATE: 2004-12-01
; PRIOR APPLICATION NUMBER: US 60/525,987
; NUMBER OF SEQ ID NOS: 1596
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 340
; LENGTH: 503
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial sequences:primer
; NAME/KEY: misc_feature
; LOCATION: (1)..(503)
; OTHER INFORMATION: 5' terminal sequence from clone
; OTHER INFORMATION: image:200714. cd209 antigen-like(CD209L) gene.
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
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; LOCATION: (13)..(13)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (388)..(388)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (420)..(420)
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; NAME/KEY: misc_feature
; LOCATION: (433)..(433)
; OTHER INFORMATION: n is a, c, g, or t
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; NAME/KEY: misc_feature
; LOCATION: (465)..(465)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (490)..(490)
; OTHER INFORMATION: n is a, c, g, or t
; US-11-000-688-340

Alignment Scores:
Pred. No.: 6.4e-12 Length: 503
Score: 218.50 Matches: 46
Percent Similarity: 53.9% Conservative: 16
Best Local Similarity: 40.0% Mismatches: 42
Query Match: 18.8% Indels: 11
DB: 14 Gaps: 5

US-09-766-511B-53 (1-209) x US-11-000-688-340 (1-503)
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Db 84 TGTCCTCCCAAGACTGGACATTTCTTCCAAAGGAAACTGTTACTTCATGCTAACTCCCGAGCGG 143
Qy 99 ValTrpSerLysSerGluGlnAsnGlyValGluMetGlyAlaHisLeuValValPheAsn 118
Db 144 AACTGGCAGACTTCCGTCACCGCTGCCAGGAGTGGAGGCCCGCAGCTCGTCGTAATCAAA 203
Qy 119 ThrGluAlaGluGlnAsnPhelleValGlnGlnLeuAsnGluSer-----PheSerTyr 136
Db 204 ACTGCTGAGGAGCAGAACTTCTTACAGCTGCAGACTTCCAGGAGTAAACCGCTTCTCTCGG 263
Qy 137 PheLeuGlyLeuSerAspProGlnGlyAsnAsnAsnTrpGlnTrpIleAspLysThrPro 156
Db 264 ---ATGGGACTTTCAGACCTTAAATCAGGAAGGCAGCTGGCAATGGGTGGAGCGCTCACCT 320
Qy 157 TyrGluLysAsnVal---ArgPheTrpHisLeuGlyGluProAsnHisSerAla---Glu 174
Db 321 CTGTCACCCAGCTTCCAGCGGTACTGGAACAGTGGAGAACCCCAACATAGCGGGAATGAA 380
Qy 175 GlnCysAlaSerIleValPheTrpLysProThrGlyTrpGlyTrp 189
Db 381 GACTGTGNCGGAATTT-----TAGTGCAGTGG 407

RESULT 3
US-11-152-697-8
; Sequence 8, Application US/11152697
; Publication No. US20060003367A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING A NOVEL HUMAN KUPFFER CELL RECEPTOR
; TITLE OF INVENTION: PROTEIN, BGS-18
; FILE REFERENCE: D0242 NP
; CURRENT APPLICATION NUMBER: US/11/152,697
; CURRENT FILING DATE: 2005-06-14
; PRIOR APPLICATION NUMBER: 60/580,006
; PRIOR FILING DATE: 2004-06-15
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: PatentIn version 3.2
```

```
; SEQ ID NO 8
; LENGTH: 1659
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-152-697-8

Alignment Scores:
Pred. No.: 3,7e-09 Length: 1659
Score: 197.00 Matches: 51
Percent Similarity: 44.5% Conservative: 22
Best Local Similarity: 31.1% Mismatches: 61
Query Match: 16.9% Indels: 31
DB: 14 Gaps: 7

US-09-766-511B-53 (1-209) x US-11-152-697-8 (1-1659)
QY 55 SerGluLeuHis-----SerTyrHisSerSerLeuThrCysPheSerGluGlyThrLys 72
Db 1190 TCATTACTTCACAGGAAACAGCTACAAAGAACCCAAAGTCAGTCTTCCAGA-----1240
QY 73 ValProAlaTrpGlyCysCysProAlaSerTrpLysSerPheGlySerSerCysTyrPhe 92
Db 1241 -----TGGTCTCTCAA-----GGCTGGAAGTTCAATGGTGAAGCTTATATAT 1284
QY 93 IleSerSerGluGlyValTrpSerLysSerGluGlnAsnCysValGluMetGlyAla 112
Db 1285 TTTTCTAGTGTCAAGAAGTCTTGCCATGAGGCTGAGCAGTCTGCGTGTCCAGGAGCC 1344
QY 113 HisLeuValValPheAsnThrGluAlaGluGlnAsnPheIleValGlnGlnLeuAsnGlu 132
Db 1345 CATCTGGCATCTGTGGCTCTCAAGGAGGAGCAGGCATTTCTGTAGAGTTCAACAAGTAA 1404
QY 133 SerPheSerTyrPheLeuGlyLeuSerAspProGlnGlyAsnAsnAsnTrpGlnTrpIle 152
Db 1405 GTGTAC---TACTGGATCGTCTCACTGACAGGGGACAGAGGCTCTGGCCCTCGACA 1461
QY 153 AspLysThrProTyrGluLysAsnValArg-----PheTrpHis 165
Db 1462 GATGGGACACCATTCACAGCGCGCCAGAACAAAGCCCTGTGTCTTCGGGTTTTGGAA 1521
QY 166 LeuGlyGlu-----ProAsnHisSerAlaGluGlnCysAlaSerIle 179
Db 1522 AAGAATCAGTCTGACAACTGGCGGCACAAAGATGGCGAGACTGAAGACTGTGTCCAAAT 1581
QY 180 ValPheTrpLysProThrGlyTrpGlyTrpAsnAspValIleCysGluThrArgAsn 199
Db 1582 -----CAGCAGAAGTGAATGACATGACCTGTGACACCCCTATCAG 1623

QY 200 SerIleCysGlu 203
Db 1624 TGGGTGTGCAAG 1635

RESULT 4
US-11-245-147-116
; Sequence 116, Application US/11245147
; Publication No. US20060030541A1
; GENERAL INFORMATION:
; APPLICANT: GARCIA, TERESA
; APPLICANT: ROMAN ROMAN, SERGIO
; APPLICANT: BARON, ROLAND
; APPLICANT: CALL, KATHERINE
; APPLICANT: THEILHABER, JOACHIM
; APPLICANT: CONNOLLY, TIMOTHY
; APPLICANT: JACKSON, AMANDA
; APPLICANT: BUSHNELL, STEVEN
; APPLICANT: RAWADI, GEORGES
; TITLE OF INVENTION: GENES INVOLVED IN OSTEOGENESIS, AND METHODS OF USE
; FILE REFERENCE: 37991-0023
; CURRENT APPLICATION NUMBER: US/11/245,147
; PRIORITY FILING DATE: 2005-10-07
; PRIOR APPLICATION NUMBER: PCT/IB02/02211
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 60/281,400

; PRIOR FILING DATE: 2001-04-05
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 116
; LENGTH: 5641
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-245-147-116

Alignment Scores:
Pred. No.: 4,72e-08 Length: 5641
Score: 152.50 Matches: 43
Percent Similarity: 52.7% Conservative: 25
Best Local Similarity: 33.3% Mismatches: 52
Query Match: 16.5% Indels: 9
DB: 11 Gaps: 5

US-09-766-511B-53 (1-209) x US-11-245-147-116 (1-5641)
QY 79 CysProAlaSerTrpLysSerPheGlySerSerCysTyrPheIleSerSerGluGlyLys 98
Db 1260 TCGAGCCGAGCTGGCAGCCCTTCCAGGGCCACTGCTACCGCTGCAGGCCGAGAGCGC 1319
QY 99 ValTrpSerLysSerGluGlnAsnCysValGluMetGlyAlaHisLeuValValPheAsn 118
Db 1320 AGCTGTCAGAGTCCCAAGAGGCATGTCTACGGGGCGGTGGCGACCTGGTCAGCATCCAC 1379
QY 119 ThrGluAlaGluGlnAsnPheIleValGlnGlnLeuAsnGluSerPhe---SerTyrPhe 137
Db 1380 AGCATGGCGAGCTGGATTCATCACCAGCAGATCAACAGAGGTGGAGGAGCTGTGG 1439
QY 138 LeuGlyLeuSerAspProGlnGlyAsnAsnAsnTrpGlnTrpIleAspLysThrProTyr 157
Db 1440 ATCGGCTCAAGATTTGAACTGCAGATGAATTTTGAGTGTCTGACGGGAGCCTTGTG 1499
QY 158 GluLysAsnValArgPheTrpHisLeuGlyGluProAsnHis-----SerAlaGlu 174
Db 1500 -----AGCTTCAACCCACTGGCACCCTTTTGAGCCCAACTTCGGGAGCAGTCTGGAG 1553
QY 175 GlnCysAlaSerIleValPheTrpLysProThrGlyTrpGlyTrpAsnAspValIleCys 194
Db 1554 GACTGTGTCCATC-----TGGGGCCCGAAGGC---CGCTGGAAACGACAGTCTCCTGT 1604
QY 195 GluThrArgArgAsnSerIleCysGlu 203
Db 1605 AACCATCTTCCATCCATCTGCAAG 1631

RESULT 5
US-10-131-826A-421
; Sequence 421, Application US/10131826A
; Publication No. US20050245730A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C128
; CURRENT APPLICATION NUMBER: US/10/131,826A
```

```

; CURRENT FILING DATE: 2002-04-24
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 421
; LENGTH: 1355
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-131-826A-421

Alignment Scores:
Pred. No.: 1,26e-08 Length: 1355
Score: 190.50 Matches: 45
Percent Similarity: 49.3% Conservative: 21
Best Local Similarity: 33.6% Mismatches: 49
Query Match: 16.4% Indels: 19
DB: 8 Gaps: 8

US-09-766-511B-53 (1-209) x US-10-131-826A-421 (1-1355)
Qy 79 CysProAlaSerTrpLysSerPheGlySerCysTyrPheIleSerSerGluGluLys 98
Db 559 TGCCCCACGTCGTGGCTGCTCTCGAGGGCTCCTGCTACTTTTCTCTGTCGCAAGACG 618
Qy 99 ValTrpSerLysSerGluGlnAsnGlyValGluMetGlyAlaHisLeuValValPheAsn 118
Db 619 ACGTGGCGCGCGCGCAGGATCACTGCGCAGATGCCAGCGCCACCTGGTGTGG 678
Qy 119 ThrGluAlaGluGlnAsnPheIleValGlnGlnLeuAsnGluSerPheSerTyrPheLeu 138
Db 679 GGCTGTGATGAGCAGGGCTTCTCCTCCTCGGAAC---ACGGTGGCCGCTGTACTGGCTG 735
Qy 139 Gly-----LeuSerAspProGlnGlyAsnAsnAnfTrpGlnTrpIle 152
Db 736 GGCTGAGGGCTGTGCGCCATCTGGCAAGTTTCAGGGC-----TACCAGTGGGTG 786
Qy 153 AspLysThrProTyrGluLysAsnValArgPheTrpHisLeuGlyGluProAsnHisSer 172
Db 787 GACGGAGTC-----TCTCTCAGCTTCAGCCACTGGAACACGAGGAGAGCCCAATGACGCT 840
Qy 173 -----AlaGluGlnCysAlaSerIleValPheTrpLysProThrGlyTrpGlyTrpAsn 190
Db 841 TGGGGGCGCGAGAACTGTGTCATGATGCTGCAC-----ACGGGGCTG---TGGAAC 888
Qy 191 AspValIleCysGluThrArgArgAsnSer-----IleCysGlu 203
Db 889 GACGACCGGTGTGACGAGAGGACGGCTGGATCTGTGAG 930

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RESULT 6

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US-10-973-115B-421
; Sequence 421, Application US/10973115B
; Publication No. US20060040351A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.

```

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; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Quiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumaas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING
; FILE REFERENCE: 39870-3330R1C300C1
; CURRENT APPLICATION NUMBER: US/10/973,115B
; PRIOR FILING DATE: 2004-10-22
; PRIOR APPLICATION NUMBER: US 10/145,747
; PRIOR FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: US 10/028,072
; PRIOR FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 09/581,742
; PRIOR FILING DATE: 2000-06-16
; PRIOR APPLICATION NUMBER: PCT/US00/05746
; PRIOR FILING DATE: 2000-03-02
; PRIOR APPLICATION NUMBER: US 60/135,736
; PRIOR FILING DATE: 1999-05-25
; PRIOR APPLICATION NUMBER: US 60/123,090
; PRIOR FILING DATE: 1999-03-05
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 421
; LENGTH: 1355
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-973-115B-421

Alignment Scores:
Pred. No.: 1,26e-08 Length: 1355
Score: 190.50 Matches: 45
Percent Similarity: 49.3% Conservative: 21
Best Local Similarity: 33.6% Mismatches: 49
Query Match: 16.4% Indels: 19
DB: 8 Gaps: 8

US-09-766-511B-53 (1-209) x US-10-973-115B-421 (1-1355)
Qy 79 CysProAlaSerTrpLysSerPheGlySerCysTyrPheIleSerSerGluGluLys 98
Db 559 TGCCCCACGTCGTGGCTGCTCTCGAGGGCTCCTGCTACTTTTCTCTGTCGCAAGACG 618
Qy 99 ValTrpSerLysSerGluGlnAsnGlyValGluMetGlyAlaHisLeuValValPheAsn 118
Db 619 ACGTGGCGCGCGCGCAGGATCACTGCGCAGATGCCAGCGCCACCTGGTGTGG 678
Qy 119 ThrGluAlaGluGlnAsnPheIleValGlnGlnLeuAsnGluSerPheSerTyrPheLeu 138
Db 679 GGCTGTGATGAGCAGGGCTTCTCCTCCTCGGAAC---ACGGTGGCCGCTGTACTGGCTG 735
Qy 139 Gly-----LeuSerAspProGlnGlyAsnAsnAnfTrpGlnTrpIle 152
Db 736 GGCTGAGGGCTGTGCGCCATCTGGCAAGTTTCAGGGC-----TACCAGTGGGTG 786
Qy 153 AspLysThrProTyrGluLysAsnValArgPheTrpHisLeuGlyGluProAsnHisSer 172
Db 787 GACGGAGTC-----TCTCTCAGCTTCAGCCACTGGAACACGAGGAGAGCCCAATGACGCT 840
Qy 173 -----AlaGluGlnCysAlaSerIleValPheTrpLysProThrGlyTrpGlyTrpAsn 190

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; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING A NOVEL HUMAN KUPFFER CELL RECEPTOR
; FILE OF INVENTION: PROTEIN, BGS-18
; FILE REFERENCE: D0242 NP
; CURRENT APPLICATION NUMBER: US/11/152,697
; CURRENT FILING DATE: 2005-06-14
; PRIOR APPLICATION NUMBER: 60/580,006
; PRIOR FILING DATE: 2004-06-15
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 3039
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; LOCATION: (445)..(1920)
US-11-152-697-1

Alignment Scores:
Pred. No.: 1,25e-05 Length: 3039
Score: 164.50 Matches: 39
Percent Similarity: 53.3% Conservative: 17
Best Local Similarity: 37.1% Mismatches: 38
Query Match: 14.1% Indels: 12
DB: 14 Gaps: 4

US-09-766-511B-53 (1-209) x US-11-152-697-1 (1-3039)
QY 55 SerGluLeuHis-----SerTyrHisSerSerLeuThrCysPheSerGluGlyThrLys 72
DB 1613 TCATTACTTCACAGGAACACGCTCAAAAGAACCCAAAGTCAGCTTCTCCAGA----- 1663

QY 73 ValProAlaTrpGlyCysCysProAlaSerTrpLysSerPheGlySerSerCysTyrPhe 92
DB 1664 -----TGGTCTGCAA-----GGCTGGAGTTCAATGGTGAACCTTATATAT 1707

QY 93 IleSerSerGluGluLysValTrpSerLysSerGluGlnAsnCysValGluMetGlyAla 112
DB 1708 TTTTCTAGTGTCAAGAGAGTCTTGGCATGAGGCTGAGCATGTTCTCGTGTCCAGGGAGCC 1767

QY 113 HisLeuValValPheAsnThrGluAlaGluGlnAsnPheIleValGlnGlnLeuAsnGlu 132
DB 1768 CATCTGCATCTGTGGCTCCAGAGGAGGAGCATTTCTGGTAGAGTTTCAAGATGAAA 1827

QY 133 SerPheSerTyrPheLeuGlyLeuSerAspProGlnGlyAsnAsnTrpGlnTrpIle 152
DB 1828 GTGTAC---TACTGGATCGTCTCAGTACAGGGGCACAGGGGCTCTCTGGCGCTGGACA 1884

QY 153 AspLysThrProTyr 157
DB 1885 GATGGGACACCATTC 1899

RESULT 10
US-10-689-742-159
; Sequence 159, Application US/10689742
; Publication No. US20050250180A1
; GENERAL INFORMATION:
; APPLICANT: Jacobs, Kenneth
; APPLICANT: McCoy, John M
; APPLICANT: LaVallie, Edward R
; APPLICANT: Racine, Lisa A
; APPLICANT: Evans, Cheryl
; APPLICANT: Merberg, David
; APPLICANT: Treacy, Maurice
; APPLICANT: Spaulding, Vikki
; TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM
; FILE REFERENCE: 00766.000091.10
; CURRENT APPLICATION NUMBER: US/10/689,742
; CURRENT FILING DATE: 2003-10-22
; PRIOR APPLICATION NUMBER: 09/746,783
; PRIOR FILING DATE: 2000-12-21
```

```
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 159
; LENGTH: 1776
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-689-742-159

Alignment Scores:
Pred. No.: 0.000122 Length: 1776
Score: 151.50 Matches: 50
Percent Similarity: 35.3% Conservative: 34
Best Local Similarity: 21.0% Mismatches: 101
Query Match: 13.0% Indels: 53
DB: 8 Gaps: 9

US-09-766-511B-53 (1-209) x US-10-689-742-159 (1-1776)
QY 6 GlnProGlnSerThrGluLysArgGlyTrpLeuSerLeuArgLeuTrpSerValAlaGly 25
DB 168 GAGCCCGCGGCACAGACACAGGGCTCCCTCTTCA-----ACGTGG-----CGACCA 215

QY 26 IleSerIleAlaLeuLeuSerAlaCysPheIle-----ValSerCysValVal 41
DB 216 GTGGCCCTGACCTGCTGACTTTGTGCTGTGCTGCTCATAGGGCTGGCAGCCCTGGGG 275

QY 42 ThrTyrHisPheThrTyr----- 47
DB 276 CTTTGTGTTTTCAGTACTACCAAGCTCTCCAAATACGTGTCAAGACACACCATTTCTCAANTG 335

QY 48 -----GlyGluThrGlyLysArgLeuSerGluLeuHisSerTyrHisSerSer 63
DB 336 GAAGAAAGATTAGGAATACTCCCAAGAGTTGCAATCTCTTCAAGTCCAGATATAAAG 395

QY 64 LeuThr-----CysPheSerGluGlyThrLysVal 73
DB 396 CTTGACAGGAAGTCTGCAGCATGTGGCTGAAAAAATCTGTGCTGAGCTGTATAACAAGCT 455

QY 74 ProAlaTrpGlyCys-----CysProAlaSerTrpLysSerPheGlySerSerCysTyr 91
DB 456 GGAGCACACAGGTGCGAGCCCTTGTACAGAAACAATGGAAATGGCATGGACAAATTCGTAC 515

QY 92 PheIleSerSerGluGluLysValTrpSerLysSerGluGlnAsnCysValGluMetGly 111
DB 516 CAGTTCCTATAAGACAGCAAAAGTTGGAGGAGCTGTAATAATTTCTGCTTGTAGTAAAC 575

QY 112 AlaHisLeuValValPheAsnThrGluAlaGluGlnAsnPheIleValGlnGlnLeuAsn 131
DB 576 TCTACCATGCTGAAGATAAAACAAAGAACCTGGAATTTGCCGCGCTCTCAGAGCTAC 635

QY 132 GluSerPhe-----SerTyrPheLeuGlyLeuSerAspProGlnGlyAsnAsnTrp 149
DB 636 TCTGAGTTTTTCTACTCTTATTGGACAGGGCTTTTGGCCCTTGACAGTGGCAAGGCGCTGG 695

QY 150 GlnTrpIleAspLysThrProTyrGluLysAsnValArgPheTrpHisLeuGlyGluPro 169
DB 696 CTGTGGATGATGAACCCCTTTCACCTTCTGAAGTCTTCCATATATATATAGATGTCACC 755

QY 170 AsnHisSerAlaGluGlnCysAlaSerIleValPheTrpLysProThrGlyTrpGlyTrp 189
DB 756 AGCCCAAGAACGACAGACTGTGTGGCCATCCTT----- 788

QY 190 AsnAspValIle-----CysGluThrArgArgAsnSerIleCysGlu 203
DB 789 AATGGGATGATCTTCTCAAAGGAGCTCAAAGAATTGAAGCGTTGTGTCTGTGAG 842

RESULT 11
US-10-131-826A-457
; Sequence 457, Application US/10131826A
; Publication No. US20050245730A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
```


APPLICANT: SEKI, NAHIKO
APPLICANT: YOSHIKAWA, TSUTOMU
APPLICANT: OTSUKA, MOTYUKI
APPLICANT: NAGAHARI, KENJI
APPLICANT: MASUHO, YASUHIKO
TITLE OF INVENTION: Novel full length cDNA
FILE REFERENCE: 084335-0191
CURRENT APPLICATION NUMBER: US/11/072,512
CURRENT FILING DATE: 2005-03-07
PRIOR APPLICATION NUMBER: US 60/350,978
PRIOR FILING DATE: 2002-01-25
PRIOR APPLICATION NUMBER: JP 2001-379298
PRIOR FILING DATE: 2001-11-05
NUMBER OF SEQ ID NOS: 4096
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1526
LENGTH: 3201
TYPE: DNA
ORGANISM: Homo sapiens
US-11-072-512-1526

Alignment Scores:
Pred. No.: 0.000706 Length: 3201
Score: 147.00 Matches: 47
Percent Similarity: 44.4% Conservative: 25
Best Local Similarity: 29.0% Mismatches: 57
Query Match: 12.6% Indels: 34
DB: 11 Gaps: 11

US-09-766-511B-53 (1-209) x US-11-072-512-1526 (1-3201)

QY 62 SerSerLeuThrCysPheSerGluGlyThrLysValProAlaTrpGlyCysCysProAla 81
Db 735 AGCCCCCAGACCTGC-----CAACTACAGCCCTGGGGGC-TGCCCTCT 778
QY 82 SerTrpLysSerPheGlySerSerCysTyrPheLysSerSerGluGluLys----- 98
Db 779 GACTGGATCCAGTTCTCTCAACAAGTGTTCAGGTCCAGGGCCAGGAACCCAGAGCCGG 838
QY 99 ---ValTrpSerLysSerGluGlnAsnCysValGluMetGlyAlaHisLysValValPhe 117
Db 839 GTGAAGTGTTCAGGGCAGCAGTCTCTCTGTGAACAGCAGCAGCCAGCTGTGTACCATC 898
QY 118 AsnThrGluAlaGluGlnAsnPheIleValGlnGlnLeu---AsnGluSerPheSerTyr 136
Db 899 ACAAAACCCCTTAGAGCAAGCATTTCATCAGCAGCAGCCTGCCAATGTGACCTTTGACCTT 958
QY 137 PheLeuGlyLeuSerAspProGlnGlyAsnAsnAsnTrpGlnTrpIleAspLysThrPro 156
Db 959 TGGATTGGCCCTCCATGCTCCGACG-----AGGGACTTCCAGTGGGTGGAGCAGGACCT 1012
QY 157 -----TyrGluLysAsnValArgPheTrpHisLeuGlyGluProAsn----- 170
Db 1013 TTGATGTATGCCAAC-----TGGGCACCTGGGGAGCCCTCTGCGCCCTAGCCCT 1060
QY 171 -----HisSerAlaGluGlnCysAlaSerIleValPheTrpLysPro----- 184
Db 1061 GCTCCAGTGGCAACAACAGCAGCTGTGCG---GTGCTCTGCACAGCCCTCAGCC 1117
QY 185 -----ThrGlyTrpGlyTrpAsnAspValIleCys---GluThrArgArgAsnSerIle 201
Db 1118 CACTTCACTGGC---CGCTGGGACGATCGGAGCTGCACGGAGGAGAGCCCATGGCTTCATC 1174
QY 202 CysGlu 203
Db 1175 TGCAG 1180

RESULT 15

US-11-136-527-2993
Sequence 2993, Application US/11136527
Publication No. US20050287570A1
GENERAL INFORMATION:
APPLICANT: Wyeth

APPLICANT: Mounts, William M
TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
FILE REFERENCE: 031896-041000 (AM101086)
CURRENT APPLICATION NUMBER: US/11/136,527
CURRENT FILING DATE: 2005-05-25
PRIOR APPLICATION NUMBER: US 60/574,294
PRIOR FILING DATE: 2005-05-26
NUMBER OF SEQ ID NOS: 362830
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2993
LENGTH: 5191
TYPE: DNA
ORGANISM: Rattus norvegicus
US-11-136-527-2993

Alignment Scores:
Pred. No.: 0.00227 Length: 5191
Score: 144.50 Matches: 41
Percent Similarity: 38.8% Conservative: 23
Best Local Similarity: 24.8% Mismatches: 68
Query Match: 12.4% Indels: 33
DB: 14 Gaps: 9

US-09-766-511B-53 (1-209) x US-11-136-527-2993 (1-5191)

QY 65 ThrCysPheSerGluGlyThrLys-----ValProAlaTrpGly----- 77
Db 3077 ACCTGCATTGATGAGGTGAATGTTTCATCTGCTCTGCCAGTATCGGGGGCAAC 3136
QY 78 ---Cys-----CysProAlaSerTrpLysSerPheGlySerSerCys 90
Db 3137 CTGTGCGAGAAGACACAGAAGGATGCGACCGCTGGCTGGCACAAATTCAGGGGCCACTGC 3196
QY 91 TyrPheLysSerSerGluGlyValTrpSerLysSerGluGlnAsnCysValGluMet 110
Db 3197 TACCGCTACTTGTCTCATCGGGCGCTGGGAGGACGACAGAGAGACTGCAGGCCCGCA 3256
QY 111 GlyAlaHisLeuValValPheAsnThrGluAlaGluGlnAsnPheIleValGlnGlnLeu 130
Db 3257 GCGGGCCACCTGACAAGTGTCCACTCCCGAGAAGAGACACAGTTTATT----- 3304
QY 131 AsnGluSerPheSerTyr-----PheLeuGlyLeuSerAspProGlnGlyAsnAsn 147
Db 3305 ---AACAGTTTGGACACAGCAAGTTCATGATGGCTGAATGACACAGGACAGTAGAGAG 3361
QY 148 AsnTrpGlnTrpIleAspLysThr-----ProTyrGluLysAsnValArgPheTrpHis 165
Db 3362 GACTTCCAGTGGACAGCAACACAGGACTGCAATATGAGAAC-----TGAGA 3409
QY 166 LeuGlyGluProAsnHis-----SerAlaGluGlnCysAlaSerIleValPheTrp 182
Db 3410 GAGNAGCAGCCGATAATTTCTTCGACAGGTGGGGAGATTGT-----GTGGTGTGGTG 3463
QY 183 LysProThrGlyTrpGlyTrpAsnAspValIleCysGluThrArgArgAsnSerIleCys 202
Db 3464 GCGCATGAGAAATGGACGCTGAATGATGTCCCTGTAACTACAACTCCCTACGCTGC 3523
QY 203 GluMetAsnLysIle 207
Db 3524 AAGAGGGTACAGTG 3538

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